

German air energy storage power station





Overview

Will Augwind's 'airbattery' energy storage system work in Germany?

The facility will be the first operational installation at scale of Augwind's 'AirBattery' hydraulic compressed air energy storage (CAES) system designed specifically for grid-scale energy storage for up to months at a time. Germany has over 400 caverns suitable for AirBattery, and geological potential for storing 330 TWh in total.

How efficient are Germany's pumped-storage power plants?

Efficiency is between 75 and 85%. Today, Germany has pumped-storage power plants producing a total of about 7,000 MW. The expansion potential is severely limited, especially in northern Germany where the balancing need is greatest.

Will a 'air battery' be built in Germany?

Israeli company Augwind Energy is planning to build the world's first commercial-scale 'air battery' in Germany, using underground salt caverns to store compressed air for electricity generation. Commissioning is scheduled for 2027-2028.

Why does Germany need airbattery?

Security of supply: By storing energy for weeks, AirBattery provides backup power during extended periods of low renewable generation (Dunkelflaute), which will become more frequent as Germany phases out coal and nuclear while accelerating its transition to renewables.



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Eneco and Corre Energy have signed a provisional agreement for the joint development of and investment in Corre Energy's first compressed air ...

['AirBattery' facility to be built in Germany](#)

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Augwind Plans Germany's First Commercial-Scale AirBattery for

Jul 1, 2025 · The facility will be the world's first industrial-scale operational installation of Augwind's AirBattery Hydraulic Compressed Air Energy Storage (CAES) technology designed ...



[Augwind Plans Germany's First Commercial ...](#)

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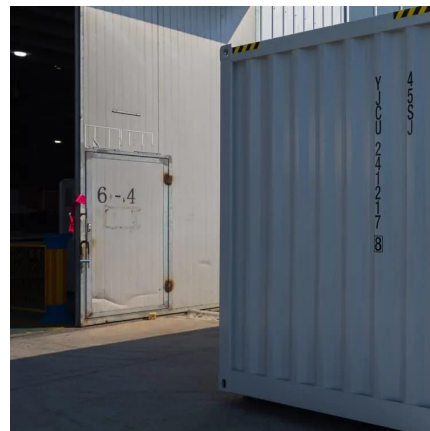
[Augwind to Launch First Commercial ...](#)

Jul 2, 2025 · Augwind Energy is set to build its first commercial AirBattery facility in Germany, introducing a compressed air energy storage solution.



World's 'first commercial scale air battery' will be in Germany

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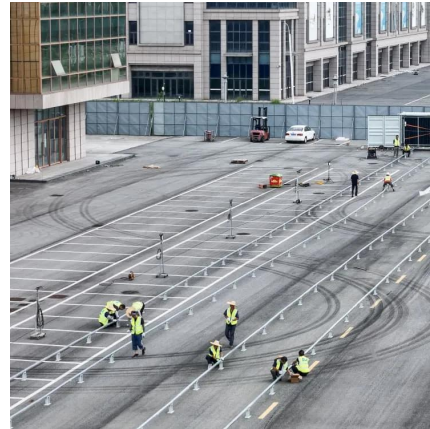
Aug 14, 2025 · One focus of its work is energy storage, a field in which its engineers have already acquired extensive know-how and numerous patents for solar power stations. For ADELE, ...





[Augwind to Launch First Commercial AirBattery ES Facility](#)

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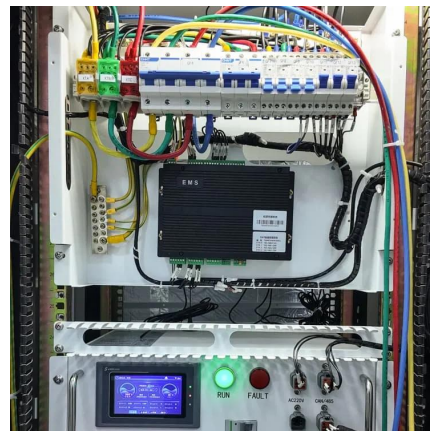


Alpiq secures 370 MW battery energy storage (BESS) pipeline in Germany

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Augwind plans to build its first industrial-scale AirBattery in Germany

Jul 1, 2025 · Israeli company Augwind Energy today unveiled its plans for the first commercial AirBattery project in Germany. According to the company, the facility will be the world's first ...



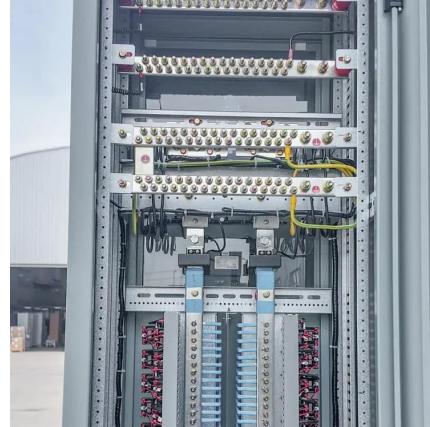
Eneco and Corre Energy join forces in German compressed air energy

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