

German Compressed Air Energy Storage Project





Overview

How much power will a compressed air energy storage system have?

The compressed air storage system is expected to have 320MW of power-generating capacity. Credit: Maria Avvakumova/Shutterstock.com. Dutch energy storage company Corre Energy and Eneco have agreed to co-develop and co-invest in a compressed air energy storage (CAES) project in Germany with 320MW of power-generating capacity.

What is compressed air energy storage?

Compressed air energy storage (CAES) is a form of long-duration energy storage. When there is a surplus of sustainable electricity, this energy can be used to compress air with a capacity of 220 MW. This air will then be stored in salt caverns, cavities in the ground at a depth of around a kilometre under the surface.

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.

Will Eneco acquire a 50% stake in a compressed air storage system?

The partnership will result in Eneco acquiring a 50% stake in the project. The compressed air storage system is expected to have 320MW of power-generating capacity. Credit: Maria Avvakumova/Shutterstock.com.



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AirBattery Hydraulic Compressed Air Energy ...

Jul 1, 2025 · In Germany, AirBattery Hydraulic Compressed Air Energy Storage (CAES) technology to construct first AirBattery project on ...

Corre & Eneco partner on compressed air ...

Jan 22, 2024 · Long-duration energy storage will be particularly needed during periods of low wind generation. Image: Eneco. Compressed air ...

Germany to host world's first long-duration AirBattery storage project

Jul 1, 2025 · The project, slated for commissioning between 2027 and 2028, will use a mined salt cavern to store compressed air and generate electricity, offering storage capacity for weeks or ...

Eneco and Corre Energy join forces in German ...

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

Germany to host world's first long-duration ...

Jul 1, 2025 · The project, slated for commissioning between 2027 and 2028, will use a mined salt cavern to store compressed air and generate ...

Electrolysis

Jan 24, 2024 · Electrolysis - Eneco and Corre Energy join forces in German compressed air energy storage project. Eneco and Corre Energy have signed a provisional agreement for the ...

Corre, Eneco partner on 320MW CAES project in Germany

Jan 23, 2024 · Dutch energy storage company Corre Energy and Eneco have agreed to co-develop and co-invest in a compressed air energy storage (CAES) project in Germany with ...

Eneco and Corre Energy Join Forces for Groundbreaking Compressed Air

Jan 22, 2024 · (IN BRIEF) Eneco and Corre Energy have entered into a provisional agreement to jointly develop and invest in Corre Energy's inaugural compressed air energy storage (CAES) ...

Eneco, Corre Energy partner on compressed air energy storage project

May 16, 2024 · Corre Energy, a Dutch long-duration energy storage specialist, has partnered with utility Eneco to deliver its first compressed air energy storage (CAES) project in Germany. ...

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

Jul 2, 2025 · 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 ...

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 ...

Electrolysis

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AirBattery Hydraulic Compressed Air Energy Storage (CAES)

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Eneco and Corre Energy join forces in German compressed air energy

Eneco and Corre Energy have signed a provisional agreement for the joint development of and investment in Corre Energy's first compressed air energy storage (CAES) project in Germany. ...

Corre & Eneco partner on compressed air energy storage project

Jan 22, 2024 · Long-duration energy storage will be particularly needed during periods of low wind generation. Image: Eneco. Compressed air energy storage (CAES) firm Corre Energy has ...

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