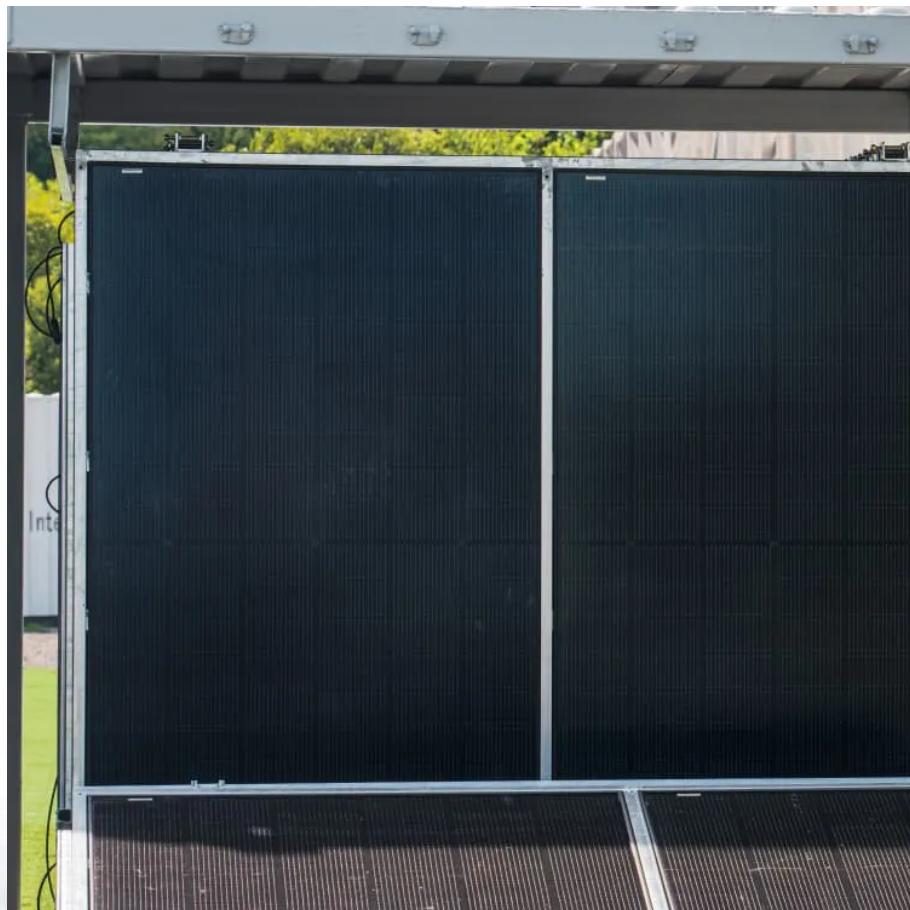




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# **Aarhus Air Energy Storage Power Generation Project in Denmark**





## Overview

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When did CO2 storage start in Denmark?

In February 2023, the Minister for Climate, Energy and Supply granted the first licenses for CO2 storage in Denmark in order to establish CO2 storage in the Danish North Sea. In March 2023, Project Greensand injected the first CO2 into the Danish underground in a pilot and demonstration project supported by the EUDP.

Can CO2 be geologically stored in Denmark?

The CO2 can be geologically stored either in Denmark or abroad. “Carbon capture and storage is one of several tools we can use to reduce Denmark’s CO2 emissions and move closer to our climate goals. For every tonne of CO2 we remove from the atmosphere and store underground, we reduce Denmark’s climate impact.

Which companies were pre-qualified to participate in the Danish energy tender?

Three companies, I/S Vestforbrænding, Ørsted Bioenergy & Thermal Power A/S, and Aalborg Portland, were pre-qualified to participate in the tender, and all the three of them submitted indicative offers and participated in negotiations with the Danish Energy Agency.



## Aarhus Air Energy Storage Power Generation Project in Denmark



### [Denmark's largest battery](#)

The concept of storing renewable energy in stones has come one step closer to realisation with the construction of the GridScale demonstration plant. The plant will be the ...

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### [Compressed Air Energy Storage \(CAES\) for ...](#)

CAES is positioned between pumped hydro and battery systems in terms of capacity and duration flexibility. Currently, Corre Energy develops projects in Holland, Denmark, and Germany--the latter aiming to establish a large ...

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### **Compressed Air Energy Storage (CAES) for Large Scale Power Storage**

CAES is positioned between pumped hydro and battery systems in terms of capacity and duration flexibility. Currently, Corre Energy develops projects in Holland, Denmark, and Germany--the ...

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### **ANDRITZ selected as supplier for large carbon capture plant in Aarhus**

The project aims to capture approximately 435,000 tons of CO 2 annually from the flue gases of a district heating facility, significantly contributing to Aarhus' goal of becoming CO ...



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#### [PROJECT AARHUS DENMARK](#)

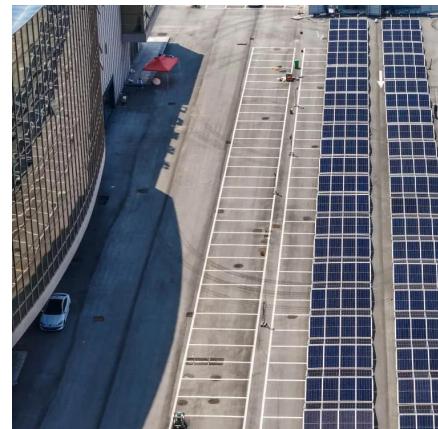
Aarhus Air Energy Storage Power Generation Project in Denmark The plant will be the largest electricity storage facility in Denmark, with a capacity of 10 MWh. The project is being funded  
...

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#### **Aarhus Air Energy Storage Power Generation Project in Denmark**

The plant will be the largest electricity storage facility in Denmark, with a capacity of 10 MWh. The project is being funded by the Energy Technology Development and Demonstration Program ...

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#### [10 companies selected to compete for Denmark's CCS Fund](#) ...

The Danish Energy Agency has selected 10 companies from a pool of 16 applicants to compete for DKK 28.7 billion in funding for Carbon Capture and Storage projects. ...

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[Aarhus Air-Cooled Energy Storage System A Sustainable ...](#)



Why Aarhus Chose Air-Cooled Energy Storage  
Denmark, a global leader in wind energy, faces a critical challenge: storing excess renewable power efficiently. The Aarhus air-cooled energy ...

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[ANDRITZ selected as supplier for large ...](#)

The project aims to capture approximately 435,000 tons of CO<sub>2</sub> annually from the flue gases of a district heating facility, significantly contributing to Aarhus' goal of becoming CO<sub>2</sub> neutral and Denmark's ...

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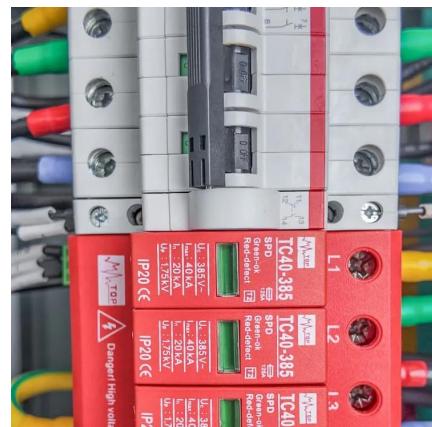


**ANDRITZ Awarded Contract for Large-Scale CCS Plant**

[The first tender of the CCUS subsidy scheme has been ...](#)

The Danish Energy Agency and Ørsted Bioenergy & Thermal Power A/S have finalized negotiations of a contract concerning state aid for Denmark's first project with full-scale ...

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Construction of a new energy storage project in Aarhus Denmark Danish renewables company European Energy A/S has begun construction of its first large-scale battery energy storage ...

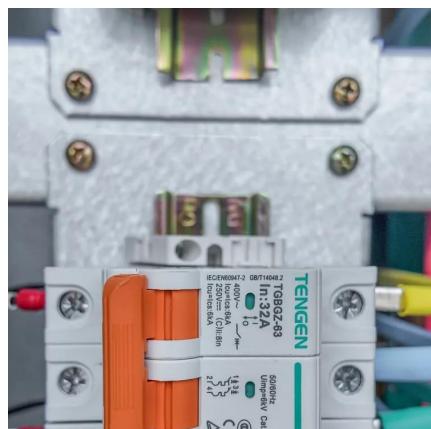
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