

Aarhus wind and solar energy storage power station in Denmark





Overview

Will Aarhus be a 'green district heating of the future'?

Aarhus is committed to taking the next steps toward an even greener energy supply system, and with 'the green district heating of the future', we can phase out fossil fuels and get down to 15% biomass in 2030.

How much energy will Aarhus produce in 2030?

It is estimated that the combination of 1,600 hectares of solar energy and 10 new wind turbines combined would lead to a reduction in CO2 emissions of 12,000 metric tons in 2030 and generate approx. 1,450 GWh annually, which corresponds to about 50% of Aarhus' projected electricity consumption in 2030.

How much CO2 does Aarhus emit?

In 2022, the energy sector in Aarhus emitted 698,000 metric tons CO2e. Today, about 70% of Aarhus' energy needs are met by sustainable energy sources, including biomass, which covers 69% of the municipality's energy needs.

How much energy is produced by wind & SLAR in Denmark?

the energy system. Furthermore, the Danish Government created a target in 2011 to become totally independent of fossil fuels. Operational Details Record high production from wind and solar energy in 2022. The power production from wind and solar constituted 59.6 % of total power consumption, a 12.2 % increase



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Power plant profile: Arhus Nord WTE Plant, Denmark

For more details on Arhus Nord WTE Plant, buy the profile here. About Orsted Orsted AS (Orsted) is a renewable energy company. It develops, constructs and operates offshore and onshore ...

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