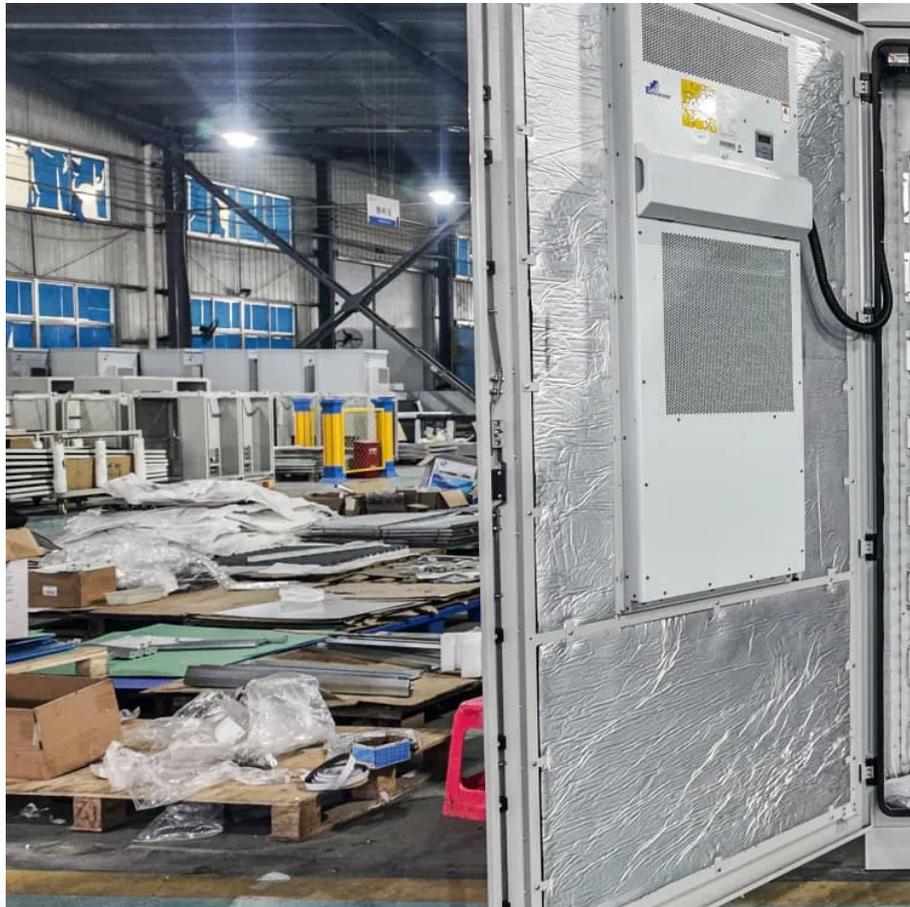


Electric heating solar glass in Aarhus Denmark





Overview

Consists of one large district heating network connecting several large CHP plants, refuse incineration plants and heat generation facilities. This type of system also allows for generation of district cooling.

How do we use solar energy in Denmark?

Today, we use solar energy in Denmark in two ways: in the form of rooftop solar panels that can produce heat and district heating, and solar cells that can produce electricity. Why is solar energy important?

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Why is solar heating important in Denmark?

Solar heating covers approx. 2% of Denmark's district heating production. One of the big challenges of solar heating is energy storage, because the sun provides the most energy in the summer, when we need it the least to heat buildings. Heat storage is therefore a major research area at DTU.

How is heat generated in Denmark?

HEAT GENERATION IN DENMARK 2022 The Danish district heating system supplies almost three-quarters of the population with heating. There are around 360 district heating companies in Denmark, which either generate the heat themselves or buy it from other production companies. The heat is generated in many different ways.

Does Denmark have a commercial market for solar thermal systems?

Denmark has a mature commercial market for large-scale solar thermal systems with distinct characteristics. Almost all systems provide heat to DH networks, there are no significant industrial applications.



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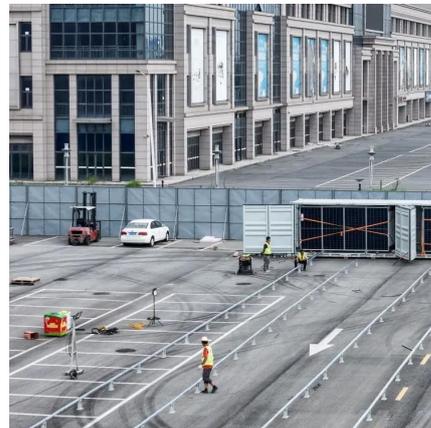


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