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Mongolian solar air conditioning





Overview

What is the heating sector like in Mongolia?

The heating sector in Mongolia is characterised by significant air pollution which is as a result of coal-based heating supply, combined with low-efficiency buildings. Coal is the main fuel input for CHPs and HOBs in the current district heating systems.

Does Mongolia have a heating problem?

Finally, the population of the country is increasing rapidly, only adding to these problems if the current heating-related challenges are not addressed. Mongolia, however, also has large potential sources of renewable energy - especially wind, solar and geothermal energy.

What is the current heat supply in Mongolia?

The current heat supply in Mongolia is highly reliant on district heating and individual household heating fuelled by domestically produced coal. The coal provides an economical option for the supply of heat to the population but is also a main cause of many challenges in the country.

Does Mongolia have a low energy efficiency?

Most buildings in Mongolia have low energy efficiency, and their heat supply systems are also inefficient. Furthermore, a large share of the population has relatively low purchasing power, which implies that upgrading heating systems and integrating more renewable supply is not a simple pathway.



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Mongolia: Heating with solar electricity

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