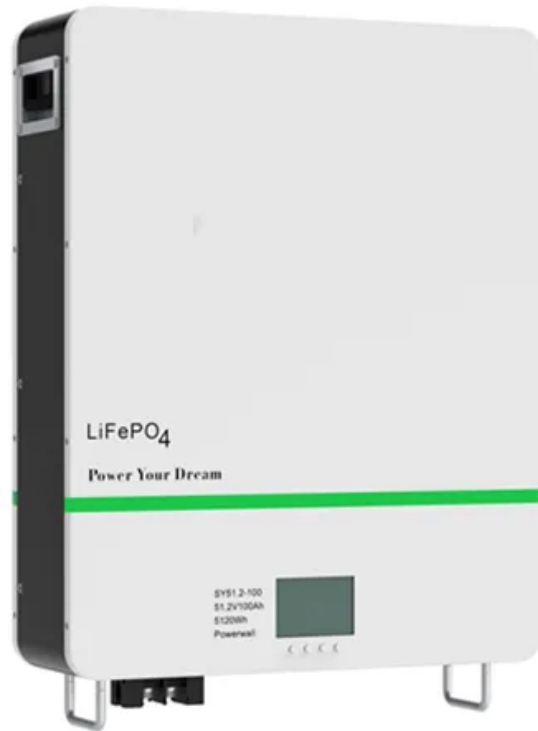


Seasonal heat storage



Overview

Seasonal thermal energy storage (STES), also known as inter-seasonal thermal energy storage, [1] is the storage of heat or cold for periods of up to several months. The thermal energy can be collected whenever it is available and be used whenever needed, such as in the opposing season. Phase Change Materials, integrated into building materials, absorb and release heat to regulate temperature. It is possible to warm houses in winter using heat generated in summer. © Erik Christensen - Wikimedia commons - In Marstal (Denmark), solar thermal panels heat water stored in a large pit before the heat is re-used in homes. Did You Know?

Heat stored underground can be preserved for several.

Seasonal heat storage



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Seasonal thermal energy storage

Seasonal thermal energy storage (STES) refers to the process of storing thermal energy for longer periods of time, typically over a season, in order to use it later for heating or cooling purposes.

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Seasonal thermal energy storage , Planète Énergies

An educational resource that explains seasonal thermal energy storage: its purpose, its principles and gives a few international examples.

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Seasonal Thermal Energy Storage

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Seasonal thermal energy storage



Seasonal thermal energy storage (STES), also known as inter-seasonal thermal energy storage, [1] is the storage of heat or cold for periods of up to several months. The thermal energy can be collected ...

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