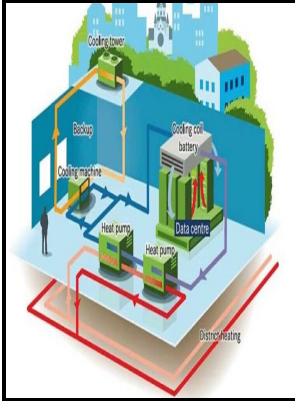


Thermal energy storage for the recovery of industrial wasteheat.

Department of Trade and Industry - [PDF] Thermal energy storage (TES) for industrial waste heat (IWH) recovery: A review



Description: -

- Thermal energy storage for the recovery of industrial wasteheat.

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Notes: Bibliography: p. 262-263.

This edition was published in 1977



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Tags: #Thermal #Energy #in #Industry

Thermal Energy Storage Technology

The excess energy produced during peak sunlight is often stored in these facilities — in the form of molten salt or other materials — and can be used into the evening to generate steam to drive a turbine to produce electricity. Technology is in development stage and commercial systems are due in 2014. A demonstrator devoted to recover waste heat in food processing industry is investigated.

MGA Applications

Extending electric vehicle range In very cold climatic conditions, the driving range of an electric vehicle EV is significantly reduced by a range of up to 50% or more.

MGA Applications

Applications of Thermal Energy Storage TES in a paper and pulp mill power house were studied as one approach to the transfer of steam production from fossil fuel boilers to waste fuel hog fuel boilers. This thermal energy is then stored in the PCM and is available for cabin heating during driving.

MGA Applications

When recovering electricity the heat engine drives a generator.

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