

German industrial GEA is investing an initial €10 million (EUR12million) in British low carbon heat company Caldera with ambitious plans to help industry decarbonise. Caldera has ...

Let's face it - when you think of German engineering, you imagine precision clocks, luxury cars, and maybe beer steins. But German energy storage companies are quietly ...

Germany is increasingly looking into geothermal energy storage as a way of decarbonizing its heating sector. The technology allows storing heated water in underground ...

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The fuel input of the boilers is not examined further. However, the authors state that boilers mostly use natural gas, oil more rarely hard coal and biomass. Eight categories of ...

2 ???; The German Federal Ministry for Economic Affairs and Energy (BMWE) has released its much-anticipated energy transition monitoring report. It reaffirms the 2030 target of 80% ...

More than 50% of the energy consumption of private households in Germany is used for space heating and hot water preparation. Hence, this application offers a huge saving ...

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Storage will become key in the next phase of the energy transition. This will involve both a further increase of decentralised renewable power generation and the use of green electricity to ...

In many cases, Caldera's storage boilers can be combined with GEA's heat pumps to offer what is said to be a "compelling route" to decarbonising industrial process heat: ...

Legislation around district heating in Germany also promotes the incorporation of circular models to new and existing heating systems. In this context, initiatives such as TES tanks for thermal ...

Storage of electrical energy is a key technology for a future climate-neutral energy supply with volatile

photovoltaic and wind generation. Besides the well-known technologies of pumped ...

Numbers Don't Lie: Why Storage Heaters Dominate Up to 30% savings on energy bills (Fraunhofer Institute, 2023). 8% annual growth in German storage heater sales ...

German storage radiators offer very significant benefits over traditional night storage heaters. If you are familiar with German storage heating systems you'll already know how technically ...

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