Solar latent heat storage

Latent thermal energy storage systems using phase change materials are highly thought for such applications due to their high energy density as compared to their sensible ...

Keywords: phase change material, thermal storage system, latent heat, copper-germanium alloy, concentrated solar power. Citation: Gokon N, Jie CS, Nakano Y, Okazaki S, ...

The effect of incorporating latent heat storage after the solar air heater on the drying air temperature is illustrated in Fig. 9, Fig. 10. Fig. 9 a shows what the drying air ...

To apply latent heat storage to solar heating, the effect of shell and tube heat exchanger was investigated experimentally, whether the total system improves or not (Morcos, ...

The Cu-Ge alloy exhibited significant potential as a latent heat storage material in next-generation solar thermal power plants because it demonstrates various advantages, including a superior storage capacity at a ...

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