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Title: Latvian islands and solar air conditioning

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Latvia aims to increase renewable energy sources (RES) to 50% by 2030, but lacks specific solar targets in its current National Energy and Climate Plan (NECP).

Latvian islands and solar air conditioning The national priority axis is increase of RES use in Latvian Energy sector, so new solutions for Electricity, Heat and Cool production are searching ...

In this work, a solar-powered liquid desiccant air-conditioning system is considered as a suitable system, and the working principle of the air-conditioning system and the physico ...

A solar hybrid inverter air conditioner combines the benefits of both solar power and traditional electricity to provide efficient and cost-effective cooling solutions.

Solar energy is available at the same time when is need to cool rooms, so Solar Cooling are suitable also in Latvia. In Latvia such a system is not used, so it is important to assess the ...

The heating season starts at the outdoor air temperatures below +8°C. But cooling may be required already at low outdoor air temperature and high solar radiation.

Below, we will show you the types of systems you can use, the installation costs, and how they operate. There are two types of solar air conditioning with solar panels: ...

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While solar air conditioning in Latvia isn't a one-size-fits-all solution, it's becoming increasingly practical through technological advances and policy support.

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