

The energy used to create comfort in the first passive house built in Romania, which was designed for offices, analyzed by the authors, is using both geothermal and solar power.

Romania's shift to renewables focuses on solar panels, aiming for energy independence, reduced emissions, and sustainable development.

The renewable energy sector in Romania is at an exciting crossroads, with the country looking to address both domestic energy demand and international requirements to reduce carbon emissions. ...

In this context, the study and the evaluation of potential to use solar radiation in air conditioning applications is of high importance and interest worldwide and also in Romania, ...

Romanians have installed three times more solar panels and heat pumps in 2024 compared to last year, aiming to reduce energy consumption amid rising bills during heatwaves, ...

The new plan aims for 36% of Romania's energy to come from renewables by 2030 - higher than the figure allocated it by the European Commission - with 8.3 GW of solar and 7.6 GW of ...

With rising temperatures and energy costs, solar air conditioning in Romania has emerged as a game-changer for eco-conscious homeowners and cost-aware businesses.

Romania lacks explicit legal regulations for energy sharing despite efforts to redefine prosumers and promote direct energy sales. While initiatives exist for energy communities, a clear legal framework is ...

Neomar Consulting carried out its first statistical study on the market of air conditioning and heat pumps for residential use in Romania between June and July 2024.

In many areas of Romania, especially southern areas, the solar irradiation and sunshine duration have high values and are favourable to capitalize the solar energy by using solar air collectors, to improve ...

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