

The GISTER coordinates this European project, with 9 countries involved. Two large-scale prototypes will be designed and installed, which will use solar energy as the primary source for the selected ...

Faculty of Science building at the National University of Distance Education (UNED) in Las Rozas, Madrid. This building, designed by architects Begoña Fernández-Shaw Zulueta and Luis Rojo de Castro, ...

Solar Thermal Power Plants (STPPs), based on supercritical CO₂ (sCO₂) cycles, seem to be a promising alternative to increase the global solar-to-electric efficiency.

Onyx Solar participated in the construction of the UNED Faculty of Science, integrating pv glass into the fins to enhance energy efficiency and aesthetics.

The European Project ASTEP (Application of Solar Thermal Energy to Processes) has the main objective of demonstrating the viability of applying solar thermal energy to partially cover heating and cooling demands on ...

Objective The main objective of ASTEP project is to successfully demonstrate the viability of applying solar thermal energy to partially cover heating, and heating and cooling demands on two different ...

This work proposes a pumped thermal energy storage (PTES) integrated into the power block of a concentrated solar power plant. The power block operates under a Hybrid Rankine-Brayton (HRB) cycle ...

This solution is based on modular and flexible integration of two innovative designs for the solar collector (SunDial), conceived by UPM and UNED, and the Thermal Energy Storage, based on Phase Change ...

Solar Heat for Industrial Processes (SHIP) The European project ASTEP (Application of Solar Thermal Energy to Processes), coordinated by the Energy Engineering Department at UNED has as ...

Academic positions held María José Montes is currently Senior Lecturer in Mechanics at Universidad Nacional de Educación a Distancia (UNED, Energy Engineering Department, Escuela Técnica ...

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