

BLAZETEC aims to pioneer ultra-high-temperature thermal batteries, operating from 1200 to 1600 °C, offering groundbreaking and efficient solutions for long-duration energy storage and ...

The Advanced RE systems group focuses its activities on the exploration of new and innovative concepts of Renewable Energy Sources (RES) systems which hold a potential to make a relevant contribution to the necessary Energy Transition towards a more sustainable and environmentally friendly global energy system, and particularly to the Energy ...

Manfred A. Lange currently works at the Energy, Environment and Water Research Center, The Cyprus Institute. Manfred does research on climate change impacts with a focus on water and energy security.

The Institute operates under the aegis of the Cyprus Research and Educational Foundation (CREF), which is governed by a Board of Trustees, comprised of leading personalities of the international academic, political and business world. The creation of The Cyprus Institute (CyI), a novel, internationally recognized research institution, is the tangible manifestation of the ...

Ongoing Research Projects. 1. Solar and Wind Energy Assessment Project in Northern Cyprus (Assoc. Prof. Dr. Murat Fahrioglu, Mehmet Yenen) Sustainable energy resources have been ...

The Energy Department of the Energy, Environment and Water Research Centre (EEWRC) of the Cyprus Institute studies the energy transition of Cyprus and the wider region and develops new technologies and tools to address national and regional climate change.

Hybrid Renewable Energy Systems (HRESs) have been touted as an appropriate way for supplying electricity to remote and off-grid areas in developing countries, especially in sub-Saharan Africa (SSA ...

BLAZETEC aims to pioneer ultra-high-temperature thermal batteries, operating from 1200 to 1600 °C, offering groundbreaking and efficient solutions for long-duration energy storage and conversion. It focuses the efforts on two pivotal pilot demonstrations: an electric thermal battery capable of converting surplus electricity into heat and then ...

The Cyprus Academic Research Institute (CARI) is a non-profit multidisciplinary research institution. It was established in 2006 and was specifically designed to accommodate and support the needs of researchers regarding funding. Specifically, the main aim of the institution was to support researchers who sought funded research either at the local, EU or overseas level. In ...

The National Battery Research Institute (NBRI) was legally established on 17th December 2020 as The Center of Excellence Innovation of Battery and Renewable Energy Foundation, with Prof.Dr. Evvy Kartini as a Founder and Prof Alan J. Drew as Co-Founder. NBRI is Indonesia's independent institute for electrochemical energy storage science and ...

Turkish Republic of Northern Cyprus (TRNC). This paper will also carry out a comparative analysis between the modeled renewable energy generation and the present electricity ...

Therefore, the first objective of the paper is to analyze and compare the monthly global solar radiation for five different locations in Northern Cyprus using the measured data collected from...

Ongoing Research Projects. 1. Solar and Wind Energy Assessment Project in Northern Cyprus (Assoc. Prof. Dr. Murat Fahrioglu, Mehmet Yenen) Sustainable energy resources have been one of the hottest topics in recent years. SEES graduate program is growing and there is a push to increase the research in several specific areas. There is a good ...

This paper aims to do the same by using the sunlight and wind resources to model a hybrid renewable energy system for the Turkish Republic of Northern Cyprus (TRNC). This paper will also...

The PROTEAS Facility is the largest research infrastructure in Cyprus. It is devoted to research, development and testing of Renewable Energy Sources with emphasis on Concentrating Solar Thermal (CST), Thermal Energy Storage (TES) and thermal Desalination of Sea Water (DSW) for bridging the gap between fundamental research and industrial needs.

09/11/2023 Mete Hatay comments in article The Curious Case of a Cyprus Ghost Town. But Mete Hatay, a Cyprus-born senior research consultant with Peace Research Institute Oslo who has long studied the conflict, says indications are that the countries will not discuss Cyprus even as they intend to "move further with their bilateral relations."

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