

System sensible heat ratio, off-peak electric energy consumption and solar fraction at different locations and weather conditions in the Asia-Pacific Region (East Asia and South East Asia).

The project started in September 2023 and will proceed until February 2026. The major part of the substantial energy consumption and greenhouse gas emissions in Southeast Asia (SEA) ...

This chapter shows the numerical investigation of the developed solar-DHVAC system applied in the East Asian climatic conditions with two different desiccant wheel coating materials--the Silica Gel ...

With such great potential application of solar assisted air conditioning system in Malaysia tropical weather, this paper provide an technical overview and economic feasibility of a solar assisted air ...

The development objective of the Accelerating Sustainable Energy Transition Program for East Asia and Pacific is to help accelerate renewable energy scale up in the .

While these features are important components of sustainable space cooling, this Roadmap primarily focuses on equipment within the buildings, namely air conditioning and fans.

This paper has discussed different types of solar-driven air-conditioning systems that can serve as an alternative to reduce the energy consumption of conventional electrical driven air ...

An extensive list of potential policy instruments available to the AMS to support progress on sustainable and energy-efficient space cooling through room air conditioners and fans is considered in this ...

Explore the regulatory framework on MEPS implementation in Singapore. Gain knowledge on monitoring, verification, and enforcement mechanisms related to MEPS in Singapore.

Focusing on the power sector, this report first explores the great renewable energy opportunity in Southeast Asia.

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