

Engaging with solar technology reflects a commitment to responsible living, addressing personal and collective energy needs. By investigating options, implementing effective practices, and ...

method for dormitory blocks, calculated the building energy consumption and solar energy generation potential of 55 blocks, and analyzed the correlation between urban morphology and three energy ...

We analyzed the building load usage patterns during the summer and winter periods, assessed the surplus and shortage of power generation due to PV generation, and evaluated the ...

This research will discuss utilizing the potential of the On-Grid system PLTS planning on the Rooftop of the Jayapura Aviation Polytechnic Women's Dormitory Building in Tanjung Ria ...

This paper proposed a classification method for dormitory blocks, calculated the building energy consumption and solar energy generation potential of 55 blocks, and analyzed the correlation ...

The utilization of solar power plant at Marine and Fisheries Polytechnic of Kupang is expected to increase the efficiency of using electricity supplied from State Electricity Company (PLN) and ...

The renewable energy-based power system stands as the most significant contributor to achieving a low-carbon campus. This study collects actual hourly energy co.

In this study, we investigated the performance of air-to-water heat pump (AWHP) and energy recovery ventilator (ERV) systems combined with photovoltaics (PV) to achieve the energy ...

Marine and Fisheries Polytechnic of Kupang is one of the educational centers located in East Nusa Tenggara. The location of the campus is in an area with the potential for solar energy...



Solar power generation in the Polytechnic Dormitory

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