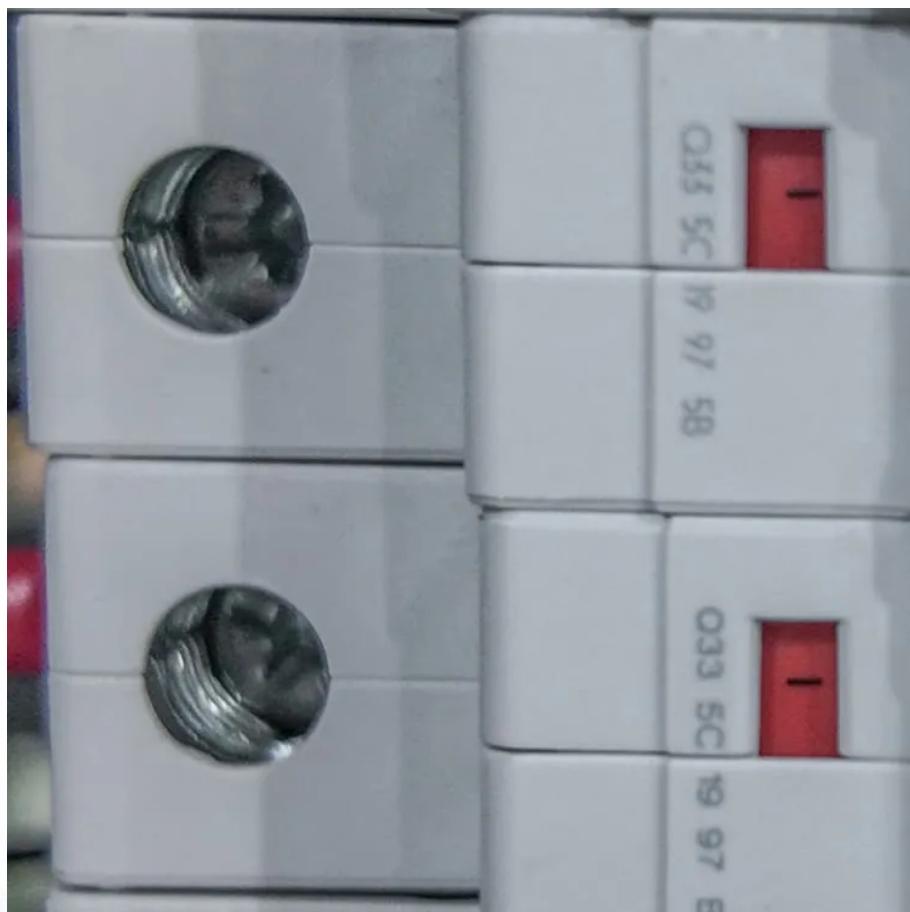




WALMER ENERGY

Vatican off-grid solar power generation system





Overview

Why does the Vatican have a solar system?

The Vatican's solar shift is a culmination of a political and spiritual mission years in the making. In 2024, the late Pope Francis issued an apostolic letter ordering the construction of an agrivoltaic solar plant to supply the Vatican with energy from Santa Maria di Galeria. On the same site, the new solar infrastructure now stands.

Is Vatican City powered by solar?

This is not just about rooftop panels; it's about how science, sustainability, and faith can coexist and set the pace for the rest of the world to follow. Vatican City is powered by solar. On May 29, 2025, the Vatican City officially transitioned to solar power, marking a significant shift in the European energy landscape.

What is the agrivoltaic system based on?

The agrivoltaic system to be built here is based on «Fratello Sole», a motu proprio that Pope Leo XIV issued to promote environmental responsibility within Vatican infrastructure. The project aims to meet the full energy needs of both the Vatican State and Vatican Radio using solar technology integrated with agricultural activity.

Why did Acea install a solar energy system in Vatican City?

This project was carried out by ACEA, an Italian utility company, which installed systems to meet all of the Vatican's energy demands. What makes this significant is not the size, but that Vatican City is only 0.49km², and there was no loud campaign, no press tour, just action set in stone and implemented.



Vatican off-grid solar power generation system

Pope Francis Orders Construction of Solar ...

Jun 27, 2024 · Pope Francis has unveiled a plan to transition Vatican City to solar energy as its primary source of electricity in his latest motu proprio ...

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Pope Francis unveils plan for Vatican to go solar

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Pope orders construction of solar plant to power the Vatican

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Pope Francis unveils plan for Vatican to go solar

Jun 27, 2024 · Pope Francis unveils plan for Vatican to go solar. Learn about the measures to transition Vatican City to sustainable energy in this blog post.

Vatican City now runs fully on solar power « Euro Weekly News

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Vatican solar farm achieves world's first ...

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