

Kongres Container

Is there any energy storage project under construction in the Vatican



Overview

A solar panel system is being built on the 424 hectares of extraterritorial land in Ponte Galeria, which within a year will make the Holy See the first zero-emission state in the world. 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.

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.

How will the Vatican's new energy system work?

According to the Vatican's press office, the installation will apply the most advanced solutions currently available, balancing clean energy generation with the preservation of agricultural use, the region's hydrogeological stability, and the protection of its cultural and archaeological heritage (ZENIT News / Rome, 08.01.2025).-

What did Pope Francis say about solar power?

“Fratello sole” or “Brother Sun” was Pope Francis’ Apostolic Letter that detailed how solar power is an invitation for people around the world to make lifestyle changes to counter global warming and the “pervasive” use of fossil fuels.

Will Vatican City become a fully solar-powered state in 2025?

By May 29th, 2025, that vision was fulfilled, and the Vatican City became one of the only fully solar-powered states in the world, setting a clear precedent on how belief and sustainability can align.

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