

Vatican solar Energy Storage Power Station





Overview

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.

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.

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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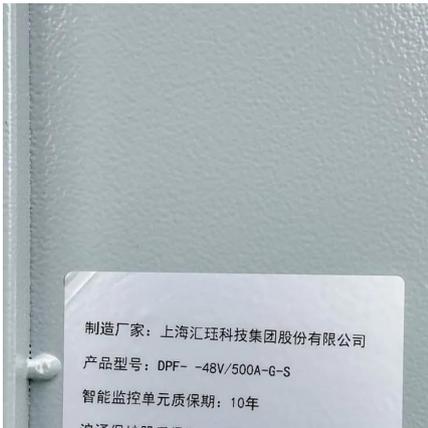
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The agrivoltaic system to be built here is based on "Fratello Sole", a motu proprio that Pope Leo XIV issued to promote environmental responsibility within Vatican infrastructure. ...

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Pope orders construction of solar plant to power the Vatican

The solar power plant is intended not only to power these antennas, but also "to ensure the entire energy subsistence of the Vatican City State," says the Pope.

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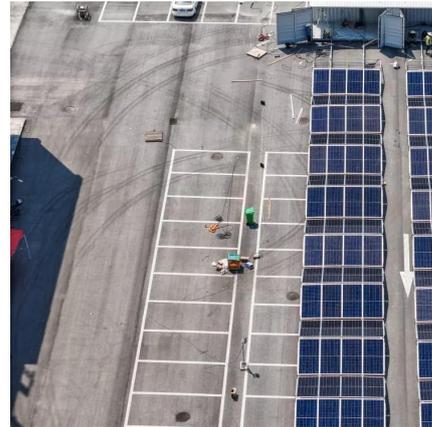




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Part of Pope Francis' dream was to ensure the city state in Rome ran on green energy. An agrivoltaic plant on Vatican property is the result.

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