

# Vatican solar tiles power generation





## Overview

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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.

Does Vatican City have solar power?

Yes. Vatican City has joined Albania, Bhutan, Nepal, Paraguay, Iceland, Ethiopia and the Democratic Republic of Congo to become one of just eight countries in the world to generate 100% of its electricity from renewable sources. Several church organizations around the world are making the move to solar.

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 0.49km<sup>2</sup>, 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).-



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### Pope Francis Orders Construction of Solar Farm to Power Vatican

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 "Fratello Sole" or "Brother Sun." The ...

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### Italy Approves Vatican's 430-Hectare Solar Farm Project to ...

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### The Vatican will become the first country in the world to ...

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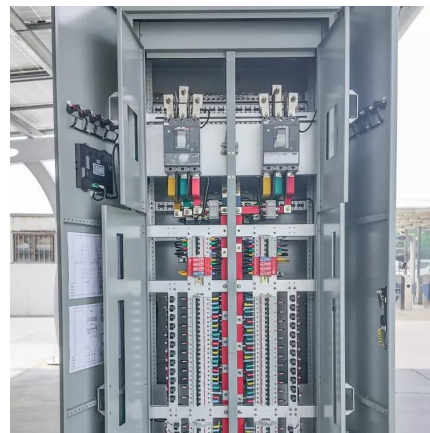
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## [Vatican City Completes Move to Solar Powered Energy](#)

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## [Pope Francis Orders Vatican Solar Power Transition](#)

Jun 26, 2024 · Pope Francis has ordered the Vatican to transition to solar power by installing an agrivoltaic solar plant at Santa Maria di Galeria, aiming to make Vatican City energy self ...



## **Pope orders construction of solar plant to power the Vatican**

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[Italy Approves Vatican's 430-Hectare Solar ...](#)

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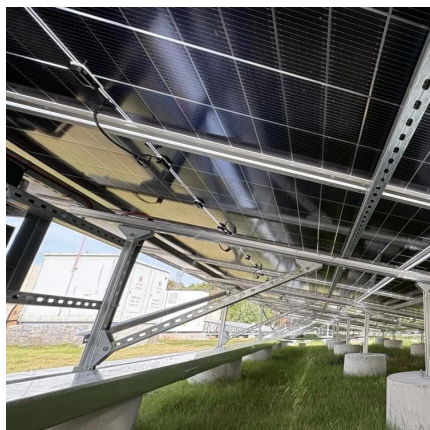


[Vatican City Is Now Powered By Solar](#)

May 29, 2025 · 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.

**Holy See, Italy ink deal for agrivoltaic project to power Vatican ...**

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