

# Vatican Energy Storage Solar Power Generation





## Overview

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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).-

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.



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### [Solar to be Vatican's sole energy source, pope orders](#)

He said the plant would produce enough energy to power not only the Vatican Radio transmission centre already located on the site, but also ensure "the complete energy sustenance of the ...

### [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 ...



### [Vatican solar farm achieves world's first carbon-neutral state](#)

Jul 31, 2025 · The Vatican is set to become the world's first carbon-neutral state through a groundbreaking initiative that involves transforming a 1,000-acre field north of Rome into a ...



### [Vatican City now runs fully on solar power « Euro Weekly News](#)

May 31, 2025 · The world's smallest country just made a big move: Vatican City is now powered entirely by solar energy, setting an example for global climate action.



[Vatican to Become 8th Country to Achieve 100% Green Energy](#)

Jul 5, 2024 · The Vatican's solar plant project reinforces its commitment to climate neutrality and sustainability. The Vatican is set to join an elite group of nations generating all their electricity ...

[The Vatican will become the first country in the world to ...](#)

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[Vatican Power Storage: How the World's Smallest Nation ...](#)

Dec 23, 2021 · Why the Vatican's Energy Transition Matters (Even If It's Tiny) a country smaller than New York's Central Park is building a solar farm that could power its entire population. ...





[Pope Francis Announces 100% Renewables Plan for Vatican ...](#)

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