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# Vatican solar Energy Storage Power Station





## Overview

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



## Vatican solar Energy Storage Power Station



### [Vatican is to be solar powered](#)

The Vatican is set to become solar powered as Pope Francis has ordered the construction of an agrivoltaic plant at its extraterritorial site at Santa Maria di Galeria on the ...

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### **Vatican City now runs fully on solar power < Euro Weekly News**

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.

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### **Vatican solar farm achieves world's first carbon-neutral state**

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 ...

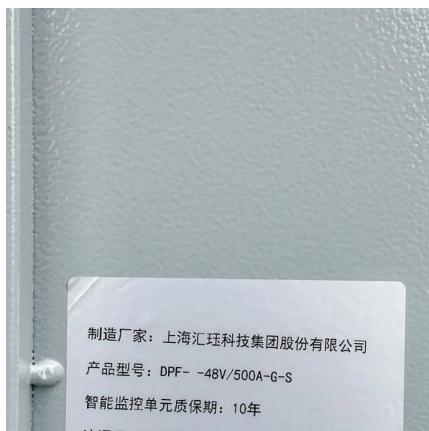
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## **Pope orders construction of solar plant to power the Vatican**

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

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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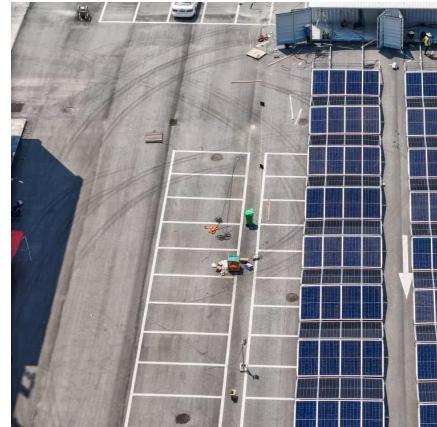
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## Vatican City Is Now Powered By Solar

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.

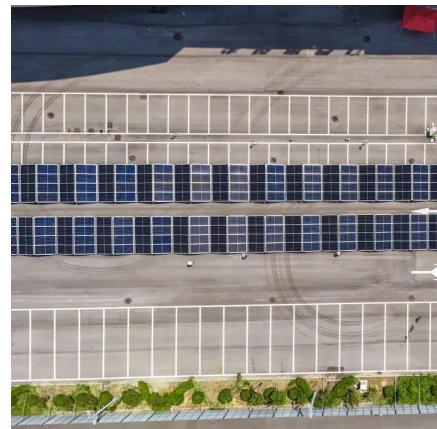
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## **Pope Francis orders agrivoltaic plant to provide Vatican with ...**

Pope Francis has commissioned an agrivoltaic plant to be located in the extraterritorial area of Santa Maria di Galeria that will ensure the complete energy sustenance ...

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## Pope Francis orders agrivoltaic plant to ...

Pope Francis has commissioned an agrivoltaic plant to be located in the extraterritorial area of Santa Maria di Galeria that will ensure the complete energy sustenance of Vatican City.

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## **Vatican Secures Vast Solar Estate To Become First Carbon ...**

Italy clears Vatican plan for a 430-hectare solar farm at Santa Maria Galeria, putting the micro-state on course to become the world's first carbon-neutral nation.

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

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. ...

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## [Vatican solar farm achieves world's first ...](#)

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 large solar farm. This ambitious project, ...

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## [Vatican moves closer to net zero with agrovoltaic plant](#)

The Vatican and the Italian government sign an agreement to build an agrovoltaic plant in Santa Maria di Galeria and move towards net zero.

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