

Vatican photovoltaic container substation production cycle





Overview

Will the Vatican build an agrivoltaic system?

The Holy Father has tasked the relevant Vatican governing bodies to collaborate with Italian authorities and build an “agrivoltaic system,” which would use land in Santa Maria di Galeria, an extra-territory of Vatican City situated outside of Rome, for farming and solar energy production.

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.

Where does Pope Francis build a agrivoltaic plant?

With the Apostolic Letter “Fratello sole,” issued motu proprio, Pope Francis provides for the construction of an agrivoltaic plant in the extraterritorial zone of Santa Maria in Galeria, where Vatican Radio maintains antennas for digital broadcasting. By Christopher Wells.

Does the Vatican need a solar plant?

The implementation of a solar plant not only improves the Vatican’s environmental sustainability, but also offers economic and social benefits. By generating its own energy, the Vatican can save on light. This is especially relevant in a context where the price of light is a constant worry for many.

Will a Vatican Radio station be installed in 2025?

The future installation would be projected to “ensure, not only the power supply of the radio station existing there, but also the complete energy support of Vatican City State,” he wrote. Fast forward to 2025, and the project is completed.



How long did it take ACEA to install a photovoltaic roof?

Italian energy supplier ACEA installed the photovoltaic roof in just six months in the Courtyard of the Corazze entrance. “The most difficult thing is to integrate and find spaces to build photovoltaic infrastructure in places that are already heavily built up,” said ACEA president, Barbara Marinali.



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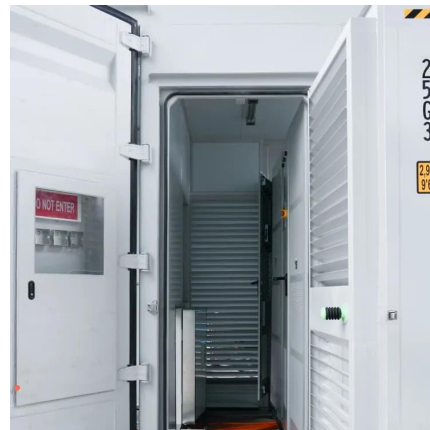


Pope Francis Promotes Sustainability With A New Solar Plant for The Vatican

In an Apostolic Letter, Pope Francis highlighted the urgent need of a transition to a sustainable development model. According to the Holy Father, the new solar plant will ...

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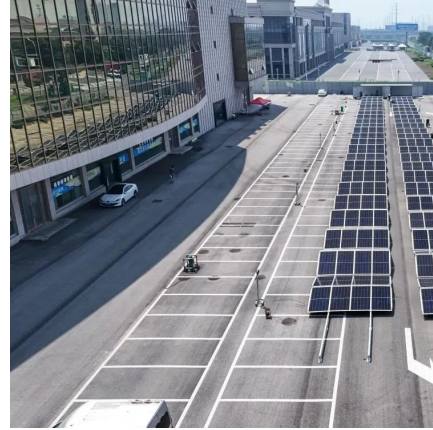
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The 'green' revolution initiated by Francis and accelerated by Leo XIV will make the Vatican the world's first zero-emissions state within a year.



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