

Vatican s 1 billion energy storage power station





Overview

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.

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.

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).-

Where is the new Vatican Radio system being built?

The construction will take place on Vatican property approximately 11 miles from Rome, in the area of Santa Maria di Galeria. The property is currently used for broadcasting Vatican Radio. The system will combine renewable electricity production with the needs of the underlying agricultural land.

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.

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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Pope Pius XII installed a radio station for Vatican media on this land in 1957. The solar power plant is intended not only to power these antennas, but also "to ensure the entire ...

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