



The Vatican's largest energy storage power station

Is the Vatican spending \$660 million on Europe's largest solar power plant?

Last year Inhabitat reported that the Vatican was spending \$660 million on a massive 100MW photovoltaic installation that would effectively be Europe's largest solar power plant.

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 cafeteria benefit from solar energy?

The Vatican cafeteria is also planning on installing a solar heating system that will be able to provide heating and cooling for staff. It is even noted that the Pope's summer residence is being outfitted to harness the methane generated by the horse stables!

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.



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