

**PIENAAR ENERGY (PTY) LTD**

# **Vatican Wind Solar and Energy Storage Project**



## Overview

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In a quiet corner of the Roman countryside, an ambitious project is taking shape—one that seeks not only to power the Vatican City entirely through renewable energy, but also to embody the Catholic Church's deepening ecological conscience. ROME (AP) — Italy agreed Thursday to a Vatican plan to turn a 430-hectare (1,000-acre) field north of Rome, once the source of controversy between the two, into a vast solar farm that the Holy See hopes will generate enough electricity to meet its needs and turn Vatican City into the world's first. On July 31, at the historic Palazzo Borromeo, the Holy See and the Italian Republic signed a landmark agreement to build an agrivoltaic system in Santa Maria di Galeria. Photo: Vatican Media According to the Vatican's press office, the installation will apply the most advanced solutions currently. Most people would not expect the world's smallest country, with fewer than 1,000 residents, to lead the global energy conversation. In 2025, the Vatican City flipped the switch on something much bigger than its size. A full transition to solar power. ROME (AP) — Italy agreed Thursday to a Vatican plan to turn a.

## Vatican Wind Solar and Energy Storage Project

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### Vatican strikes solar farm deal to become the world's first carbon

Vatican officials have estimated it will cost under 100 million euros (\$114 million) to develop the solar farm, and that once it is approved by the Italian parliament, the contracts to do the

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### High tech meets historic - solar energy in the Vatican

We are an international project developer of wind, solar and battery storage (BESS) projects. Our activities include the planning, development and construction of these projects, as well as their ...



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### Vatican strikes solar farm deal to become first carbon neutral state

Italy agreed Thursday to a Vatican plan to turn a 430-hectare field north of Rome, once the source of controversy between the two, into a vast solar farm. The Holy See hopes it will generate

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## Vatican to become eighth country to achieve 100% green energy

Vatican City is set to become the eighth country in the world to generate 100 per cent of its electricity from renewable energy after Pope Francis announced plans to build a solar plant.



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## The Vatican will become the first country in the world to produce 100%

In a quiet corner of the Roman countryside, an ambitious project is taking shape--one that seeks not only to power the Vatican City entirely through renewable energy, but also to embody the

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## Vatican to Become 8th Country to Achieve 100% Green Energy

The Vatican is set to join an elite group of nations generating all their electricity from renewable sources, following Pope Francis's announcement of a new solar power project.



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## Inside the Vatican's Climate Agenda



In 2024, the Vatican announced a new solar plant to be built on Church-owned land outside Rome, positioning the city-state to become the eighth country in the world to run entirely on renewable ...

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## Vatican solar farm will make it the world's first carbon

Italy has agreed to a Vatican plan to turn a 430-hectare (1,000-acre) plot of land north of Rome into a vast solar farm that will generate enough electricity to meet the needs of Vatican City.



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48V or 51.2V



## Vatican City now runs fully on solar power « Euro ...

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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## Holy See and Italy sign agreement for renewable energy plant

The Holy See and the Italian Republic have signed an agreement to build an

agrivoltaic plant in the Vatican's Santa Maria di Galeria area just outside of Rome, aiming to supply Vatican City ...

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