

More compact storage plants, IA and cybersecurity at the centre of projects to enhance resilience and efficiency of the national electricity grid

The project will be developed at Rome Fiumicino International airport and the energy stored will cover evening peak-demand, while also providing flexibility services to the grid.

Inaugurated on June 3, 2025, at Rome Fiumicino Airport, PIONEER is an energy storage system based on repurposed EV batteries.

Rome's Fiumicino Airport now uses second-life EV batteries to store solar energy and cut 16,000 tons of CO<sub>2</sub> over ten years.

Europe's largest airport solar-battery integration, boosting energy resilience and circular economy leadership. Rome's Fiumicino International Airport has launched Pioneer, Europe's largest ...

Italy's largest energy storage system based on used batteries for electric vehicles was inaugurated on Tuesday at Rome's Fiumicino airport to help it reduce carbon emissions.

According to the partners, it is the largest energy storage system using hybrid second-life batteries in Italy, and one of the largest in Europe. Pioneer is projected to save 16,000 tons of CO<sub>2</sub> ...

The inauguration of the largest energy storage facility using second-life batteries in Italy marks a turning point in the decarbonization of the Fiumicino airport hub.

As global energy demands soar, the Rome Star Energy Storage Project emerges as a game-changer in renewable energy integration. This article explores how this 200MW/800MWh facility redefines grid ...

An innovative energy storage system is helping Rome Fiumicino International Airport (FCO) harness renewable energy more effectively, capturing power for use even when the sun isn't ...

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