

# Rome's largest energy storage power station

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The advanced system repurposes used EV batteries from multiple automotive brands, making it the largest hybrid second-life battery installation in Italy and one of the most significant in ...

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> ...

Rome's Fiumicino International Airport has launched Pioneer, Europe's largest energy storage system based on second-life electric vehicle batteries. Developed by Italian utility Enel and ...

Mercedes-Benz Energy is helping to enhance the energy efficiency of Rome Fiumicino Airport with its battery storage solutions. The project utilizes repurposed vehicle batteries from Mercedes-Benz as ...

System integrator Loccioni converted 762 battery packs into a 10 MWh Battery Energy Storage System (BESS). This storage solution is fully integrated with the airport's "Solar Farm", ...

The construction of the largest second life battery facility in Italy and one of the largest in Europe, started at Fiumicino in the first half of 2024 and the first 5 MWh of storage capacity will be in operation by the ...

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

Pioneer is the largest energy storage facility in Italy powered by second-life batteries, built to support the energy needs of Leonardo da Vinci Airport.

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.

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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.

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