

PEES Power Systems

Rome renewable energy storage



Overview

10 MWh energy storage system repurposes 762 end-of-life EV batteries, supporting peak power needs and decarbonization. Expected CO₂ reduction of 16,000 tons over the next decade—supporting Fiumicino's Net Zero by 2030 target. Europe's largest airport solar-battery integration, boosting energy. Inaugurated on J, at Rome Fiumicino Airport, PIONEER is an energy storage system based on repurposed EV batteries. An innovative energy storage system is helping Rome Fiumicino International Airport (FCO) harness renewable energy more effectively, capturing power for use even when. In partnership with German research institute Fraunhofer, ADR (Aeroporti di Roma) and Enel have launched the Pioneer project (airPort sustainability secOND lifE battEry stoRage) at Rome's Fiumicino International Airport.

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Battery Storage at Fiumicino Airport

ADR announced the arrival of Italy's largest battery storage at Fiumicino Airport, on J. This equipment integrates second-use batteries from three different automotive brands, which is another first

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Rome's Fiumicino Airport Powers Up with Reused EV Batteries to Cut

Rome's Fiumicino International Airport has become the first in Italy to deploy a large-scale energy storage system built entirely from used electric vehicle batteries, in a bid to accelerate its decarbonization ...



Rome Airport powers up with second-life EV batteries

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 shining.

Rome airport installs hybrid renewable energy project with second hand

A new energy storage facility at Rome's Fiumicino Airport is using second hand car batteries in a bid to reach Net Zero Carbon by 2030. The storage system known as "Pioneer" is the largest in Italy using hybrid second ...



Fiumicino Unveils Europe's Largest EV Battery Storage System

Italy, J: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation efforts at Rome's Leonardo ...

Energy storage system based on EV batteries launched at Rome's ...

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.



Pioneer energy storage system in Fiumicino, Italy



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.

Rome's Fiumicino Airport Unveils Europe's Largest EV Battery Energy

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 energy storage ...



Rome's Fiumicino Airport launches Italy's largest second-life battery

The storage system accumulates renewable energy to be used even when the sun is not out, and leverages used electric vehicle batteries, giving them a second life.

The PIONEER Project: A Milestone in Circular Energy ...

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



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