

Rome small energy storage station construction plan





Overview

What is Pioneer (Airport sustainability second life battery storage)?

Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort sustainability secONd life battEry stoRage), an innovative second-life battery energy storage system (BESS) designed for airport applications.

What is Pioneer Energy Storage System?

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

What is the largest storage facility in Italy with Second-Life batteries?

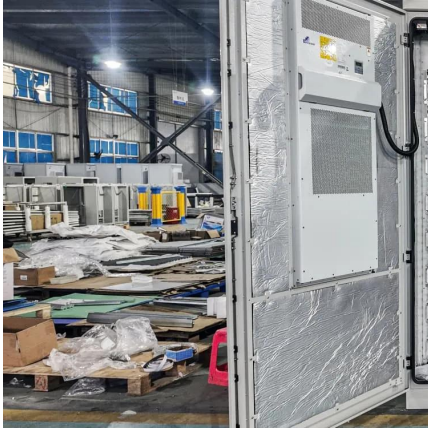
Inauguration of Pioneer, the largest storage facility in Italy with second-life batteries, providing power to the airport Leonardo da Vinci in Fiumicino.

What are the innovative features of the energy storage system?

An additional innovative feature relates to the development of equipment able to check the state-of-health of the batteries before their connection to the system. The energy storage system will have a rated capacity of 2.5MW/10MWh. New battery construction will be avoided due to the project.



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[Rome's Fiumicino Airport Unveils Europe's Largest EV Battery Energy](#)

Jun 4, 2025 · Europe's largest airport solar-battery integration, boosting energy resilience and circular economy leadership. Rome's Fiumicino International Airport has launched Pioneer, ...



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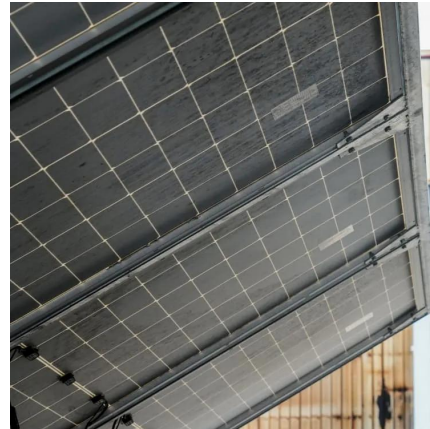
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[Energy Storage for Rome-Fiumicino Airport, Italy , Mercedes ...](#)

Dec 1, 2025 · Mercedes-Benz Energy is contributing to improving the energy efficiency of Fiumicino Airport in Rome with its battery storage solutions. Repurposed vehicle batteries are ...



[Rome's Fiumicino Airport Unveils Europe's](#)

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[Enel inaugurates 10 MWh second-life battery project at Italian ...](#)

Jun 4, 2025 · Italy's largest second-life battery energy storage system was officially launched at Rome-Fiumicino airport yesterday. State-owned gas and electric company Enel's 2.5 MW/10 ...



[Rome Energy Storage Project](#)

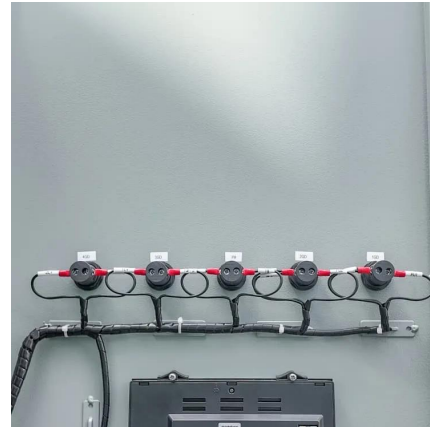
The energy storage system will have a rated capacity of 2.5MW/10MWh. New battery construction will be avoided due to the project. Overall, the project is forecast to avoid 100% of greenhouse ...





[Rome energy storage project tender announcement](#)

Does Roma Tre University have an energy community? lity VIII,has established the Energy Community. Roma Tre University,which already serves as a balancing service provider,has ...



[Fiumicino Unveils Europe's Largest EV Battery Storage System](#)

Italy, June 3, 2025: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation ...

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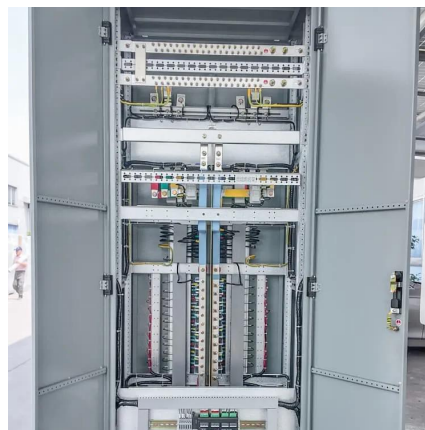
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[Pioneer energy storage system in Fiumicino, Italy](#)

Jun 3, 2025 · 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.

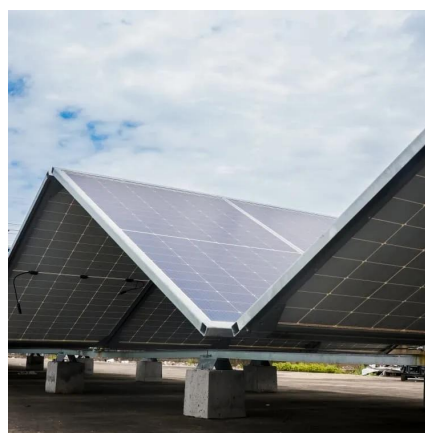


Pioneer project

PIONEER project, started at Rome Fiumicino airport the construction of the innovative energy storage system. List of Participants to PIONEER project Aeroporti di Roma (Project ...

[ENERGY STORAGE FOR ROME FIUMICINO AIRPORT ITALY](#)

How will Italy support energy storage? Italy is one of Europe's fastest growing energy storage markets and recently introduced mechanisms to support this nascent sector. To meet its ...



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