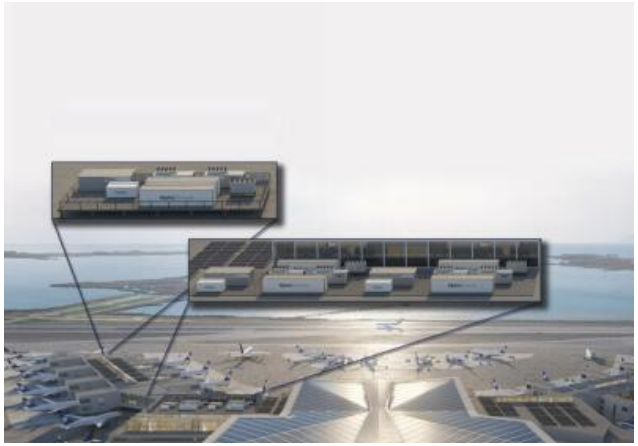
PROAVIA member use case

# TRANSFORM THE JFK INTO THE MOST RESILIENT AIRPORT ?

États-Unis·JFK – 2026



## 01 THE CHALLENGE

Transform New Terminal One into a resilient airport that can function off-grid during power disruptions and stabilize energy costs over the long-term.

## 02 THE SOLUTION

Integrated 11.34-megawatt microgrid comprised of :
7.66 MW rooftop solar,
3.68 MW fuel cells,
2MW/4Wh battery energy storage,
A circular waste heat to chilled water system
Consists of four power islands
The AlphaStrxure Integrate digital platform manages the microgrid performance and operations in a cyber-secure environment

## 03 THE RESULT

RESULT
Largest rooftop solar array in New York City
38% decrease in immediate greenhouse gas emissions over source energy
100% airport operations during power disruptions and the first fully resilient airport transit hub in the New York region
Compliance with ambitious New York State, City, Port Authority sustainability mandates
Long