AZZO
technology comes together®

CUSTOMER PROFILE: AlphaStruxure

AZZO is proud to serve as microgrid systems integrator for Alphastruxure, the world's leading Energy as a Service company. With each new microgrid, we work with the Alphastruxure team, their customer, partners and suppliers in 3 areas:

**1** Design and implement a secure end-to-end communications network

**2** Engineer the cloud platform for monitoring the operations of the microgrid fleet

**3** Support and maintain the multi-microgrid solution to ensure all systems are performing




"AZZO has brought valuable experience with microgrids and networked systems to multiple projects of ours. AZZO's technology helps power our Integrate™ digital platform, which manages and optimizes complex energy infrastructure. AZZO is also a certified Schneider Electric Master Critical Power EcoXpert that we can rely on to deliver the latest Schneider Electric EcoStruxure solutions."

**MARTY TRIVETTE,**
*Senior Vice President Energy Solutions, Alphastruxure*

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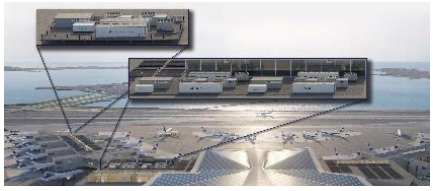
# AZZO is supporting these Alphastruxure projects as the systems integrator:

## John F. Kennedy International Airport New Terminal One (NTO) Microgrid NEW YORK, NY

- 11.34 MW microgrid
- NYC's largest rooftop solar array
- 38% immediate GHG reduction over grid-sourced energy
- Long-term cost predictability of energy supply
- 7.7 MW PV / 3.7 MW Fuel Cells / 2 MW Batteries
- Expected operational date 2026



## Brookville Smart Energy Bus Depot MONTGOMERY COUNTY, MD

- 6.5 MW microgrid that can charge 70 e-buses, avoiding 160,000 tons of emissions over the project lifetime
- Delivers resilience to communities who depend on public transportation
- 3- 633 kW generators / 1.6 MW PV / 3 MW BESS
- 4.15 MW charging capacity
- 18- 180 kW 3-dispenser chargers
- 2- 450 kW pantograph chargers
- On-site renewable energy generation and battery energy storage solutions provide peace of mind for the County's 1.1 million residents, ensuring buses can operate in the event of a grid outage.

## Equipment Maintenance & Transit Operation Center (EMTOC)

### MONTGOMERY COUNTY, MD

- 7 MW microgrid capable of powering 200 mixed-fleet vehicles by 2035
- Largest self-sustaining transit depot in the U.S.
- 5 MW PV / 2 MW BESS
- 4.5 MW of charging capacity
- Future on on-site electrolyzer powered by solar and battery energy storage will enable green hydrogen production to support Fuel Cell Electric Buses
- Expected operational date 2025

Images supplied by Alphastruxure

**Contact us to unlock the full potential of your Microgrid**

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