



The Duke Energy + Electrada Fleet Mobility Microgrid Launches at the Duke Energy Emerging Technology Office in Mount Holly, NC

KEY STATS

Companies: Duke Energy + Electrada

Verticals: Utilities & Energy

In a Nutshell: The Duke Energy + Electrada Fleet Mobility Microgrid is a first-of-its-kind microgrid-integrated performance center for EV fleets, and the first in the country to offer a zero-emissions, carbon-free microgrid option for fleet charging.

The GPS: Mount Holly, NC

Snapshot View: Duke Energy and Electrada have launched the Duke Energy + Electrada Fleet Mobility Microgrid in Mount Holly, North Carolina, a pioneering electrification center designed to provide zero-emission, carbon-free fleet charging for commercial electric vehicles. This facility supports various fleet types, from light- to heavy-duty vehicles, with options for charging either from Duke Energy's grid or directly from the microgrid, powered by renewable energy. This collaboration aims to guide businesses in achieving their sustainability goals while providing cost savings and strategic support for fleet electrification.

Electrada's role in the project involves offering "behind the meter" capital investment to ensure reliable and consistent fleet charging with guaranteed 99% uptime. Through a performance-based model, Electrada reduces risks for fleet owners by ensuring grid integrity and stable energy costs, addressing barriers that have hindered widespread fleet electrification in North America. This collaboration with Duke Energy complements Duke's focus on distribution system performance, enabling a scalable and resilient solution for fleet electrification.

The microgrid includes six fleet charging stations and two Level 2 chargers, with power sources that include solar, battery storage, and hydrogen. This setup also serves as a testing ground for integrating charging technologies, helping Duke Energy assess energy management for fleets from Class 1 pickups to Class 8 haulers. With partners like Daimler Truck North America, Duke Energy and Electrada are working to decarbonize logistics and promote sustainable transportation solutions that align with growing EV adoption, aiming to make fleet electrification a viable path for reducing greenhouse gas emissions in commercial transport.

SELECT QUOTES:

Harry Sideris, President of Duke Energy: "As companies with sustainability goals increasingly seek more enterprising ways to decarbonize how they manage operations, we're also seeing commercial electric fleet commitments increase at a much more rapid pace. The Duke Energy + Electrada Fleet Mobility Microgrid is open and ready to help with the vast potential this transition presents for businesses both in cost savings and strategic guidance as they look to add more zero-emission vehicles to their fleets."

Jeff Allen, Senior Vice President of Operations and Specialty Vehicles at Daimler Truck North America: "Our collaboration with Duke Energy and Electrada goes beyond infrastructure development – it's about creating a sustainable, scalable fleet electrification solution. By providing seamless, carbon-free charging, the Fleet Mobility Microgrid enables our inbound logistics partners to operate with minimal environmental impact. This is a critical step in decarbonizing our supply chain and ensuring that our electric vehicles continue to drive the future of sustainable transportation."

Kevin Kushman, CEO of Electrada: "While fleet electrification in Europe and Asia has taken hold, this critical mobility microgrid effort in partnership with Duke Energy will help address and solve those electrical and performance issues unique to North America that challenge commercial adoption today. This collaboration proves that electric mobility at scale is compatible with reliable and renewable grid service and will build trust in fleets who are ready to embrace the transition."

Special Thanks to our Partners:

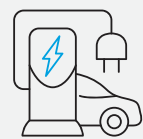


Press Release: <http://bit.ly/4fDbFPM>

ELECTRADA'S 360 CaaS



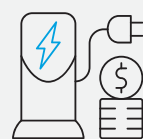
100% Capitalized



Guaranteed Performance



Reliable 99% Uptime



Predictable Pricing



Day One Savings Guaranteed

Fleet electrification doesn't have to be costly and complicated.

Regardless of where you are on your fleet electrification journey, let us guide you through a seamless, risk-mitigated electric fuel solution that works best for your fleet.

Get started at electrada.com →



Energizing Your Fleet