

ON THE ROAD TO **ZERO EMISSIONS**

FACT SHEET: CATA's Battery Electric Bus



Gillig's Proven Performance

CATA selected Gillig for its track record of designing, building and supporting some of the safest, most reliable, durable and cost-effective buses in the industry. The zero-emission model chosen by CATA delivers leading performance, validated reliability and robust safety features. Built in the United States on a proven low-floor platform, it delivers the durability and operational readiness needed for agencies transitioning to clean transportation.

Federal and State funding sources:

CATA secured funding for the battery electric bus through a combination of federal and state programs, including the FTA's Section 5339(c) Low or No Emission Grant Program, along with matching funds from the MDOT Comprehensive Transportation Fund. The federal share totals \$1,031,760, with an additional \$257,940 in state match, bringing the total bus cost to \$1,289,700.

Key performance highlights include the following:

- Zero Emissions, Zero Compromises
 - Achieved the *highest Altoona test score* among all zero-emission buses, confirming unparalleled performance, reliability, and safety.
 - Demonstrated *79% less downtime* than competing battery-electric buses in testing.
- Energy & Range Optimization
 - On-board energy storage options up to **686 kWh**, enabling extended service range and reduced charging frequency.
 - Direct-drive, permanent-magnet electric motor is **high-efficiency and maintenance-free**, reducing operational costs and service needs.
 - Smart energy management and thermal regulation systems maximize battery life and maintain consistent performance in all climates.



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- Safety & Reliability
 - Equipped with **state-of-the-art battery safety mechanisms**, ensuring thermal protection and safe operation in demanding service environments.
 - Best-in-class braking performance supports passenger safety and operator confidence.
 - Built with a **corrosion-resistant stainless steel chassis** and lightweight aluminum body for long-term durability well beyond FTA minimums.

Charging Options

GILLIG provides flexible charging solutions compatible with agency infrastructure and operational strategies:

- **Standard:** Curbside rear DC fast-charge port
- **Options:** Street-side front or rear DC charge ports, overhead pantograph rails, inductive charging systems
- Supports plug-in, DC fast charging, overhead, and inductive charging technologies.

Operational Flexibility

- Engineered for performance in **all climates**, including extreme cold with optional features.
- Modular design allows agencies to configure seating, styling, and accessibility to suit community needs.
- Built on GILLIG's familiar Low Floor platform, ensuring operator and mechanic continuity as fleets transition to zero emissions.

Passenger Comfort & Accessibility

- Wide front aisle and accessible layout designed for smooth boarding and rider mobility.
- Advanced HVAC system and resilient suspension contribute to a comfortable, quiet ride experience.

Maintenance & Support

- Designed for **easy serviceability**, featuring large access panels and quick-change skirt sections to minimize downtime.
- National network of field service experts, comprehensive technical training programs, and a robust inventory of aftermarket parts ensure long-term support.
- GILLIG's "Quality Without Compromise" approach provides dependable performance throughout the full operational lifecycle of the vehicle.

Made in America

Every GILLIG electric bus is engineered and manufactured at the company's **Livermore, California** facility—continuing a legacy that has made GILLIG "America's Trusted Name in Transit" for more than a century.

