

Scope of Services

The Chicago Transit Authority has 240 buses with an Allison Hybrid Electrical System. Hybrid buses consist of the following buses:

- **1 800 series New Flyer**
- **207 4000 series New Flyer**
- **32 4300 series New Flyer**

CTA has utilized Interstate Power Systems for warranty and non-warranty repairs for these buses since the buses were originally purchased new from the OEM bus manufacturer, New Flyer. These buses have installed at the factory, a Hybrid Allison Transmission which is also called a drive unit. Additional hybrid components are the ESS (Energy Storage System) rooftop rechargeable batteries on the rooftop of the hybrid bus and the DPIM. (Dual Power Inverter Module). As these components have aged and come out of warranty, labor, repair, and replacement come at much greater costs of repair for CTA. Hybrid Buses offer CTA considerable fuel economy with less emissions.

In order to maintain the CTA bus fleet, CTA works with vendor Interstate Power Systems to perform warranty and non-warranty work repairs related to proprietary Allison Hybrid Systems installed on 240 CTA buses.