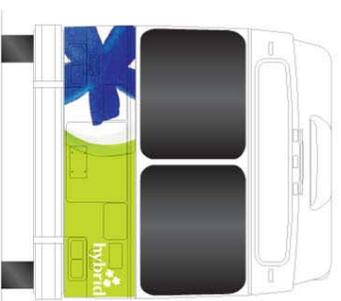
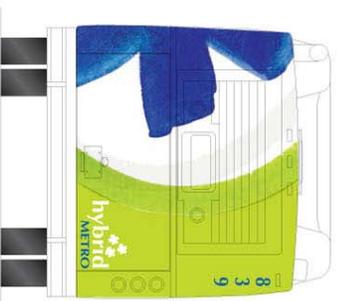




Metro 40-ft hybrid bus



3589G C 03b Hybrid Bus
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WHAT IS A DIESEL-ELECTRIC HYBRID BUS

Cincinnati is known for its hills. Historically, diesel engines have been the only way to propel 13-ton Metro buses filled with passengers up those hills. Today, new diesel-electric hybrid buses offer an environmentally responsible alternative to diesel power.

Hybrid-electric vehicles are powered both by an electric motor and a diesel engine. Today's hybrid buses combine the latest technological advances with the efficiency and reduced emissions of modern clean-diesel technology to produce dramatic reductions in both emissions and fuel consumption.

Vehicles use the most fuel and generate the most pollution when they accelerate. Hybrids use less fuel and emit less exhaust because they use electric power for acceleration. Electricity is generated by the engine and by the braking action of the bus as it slows down or stops, which is called regenerative braking. The result: smooth acceleration with reduced emissions.



A NATIONAL PERSPECTIVE

Today diesel-electric hybrid technology is being used increasingly to improve the performance of a number of urban transit bus fleets across the country.

According to the American Public Transportation Association (APTA), hybrids are becoming the buses of choice for public transit systems trying to improve efficiency and reduce environmental impact.

METRO'S DIESEL-ELECTRIC HYBRID PROGRAM

Metro now has 27 hybrid buses in its 344-bus fleet in Cincinnati. Its first six hybrids have been on the road since Earth Day 2009. Another three hybrid buses were added in August 2010 and four hybrid "mini-buses" hit the road in December 2010. By January 2012, Metro more than doubled its hybrid fleet with 14 additional hybrid buses.

While a hybrid bus costs about \$240,000 more than a conventional diesel bus, each hybrid is estimated to reduce emissions and save diesel fuel compared to diesel buses.

BENEFITS OF HYBRID BUSES

Significant emission reductions

- 50% reduction in NOx
- 95% reduction in particulate matter (soot)
- 90% reduction in hydrocarbons

Improved passenger experience

- Reduced noise levels
- Smoother acceleration and ride
- Comfortable and environmentally friendly

Positive regional impact

- Improved air quality through lower emissions – a critical factor in Greater Cincinnati
- Sense of environmental stewardship
- Less noise in urban environment
- Regional image enhanced

Improved fuel economy

- About 30% less fuel used
- Reduced dependence on foreign oil