



CTA All Electric Bus Program

<http://www.transitchicago.com/electricbus/>

Marc Manning





Overview

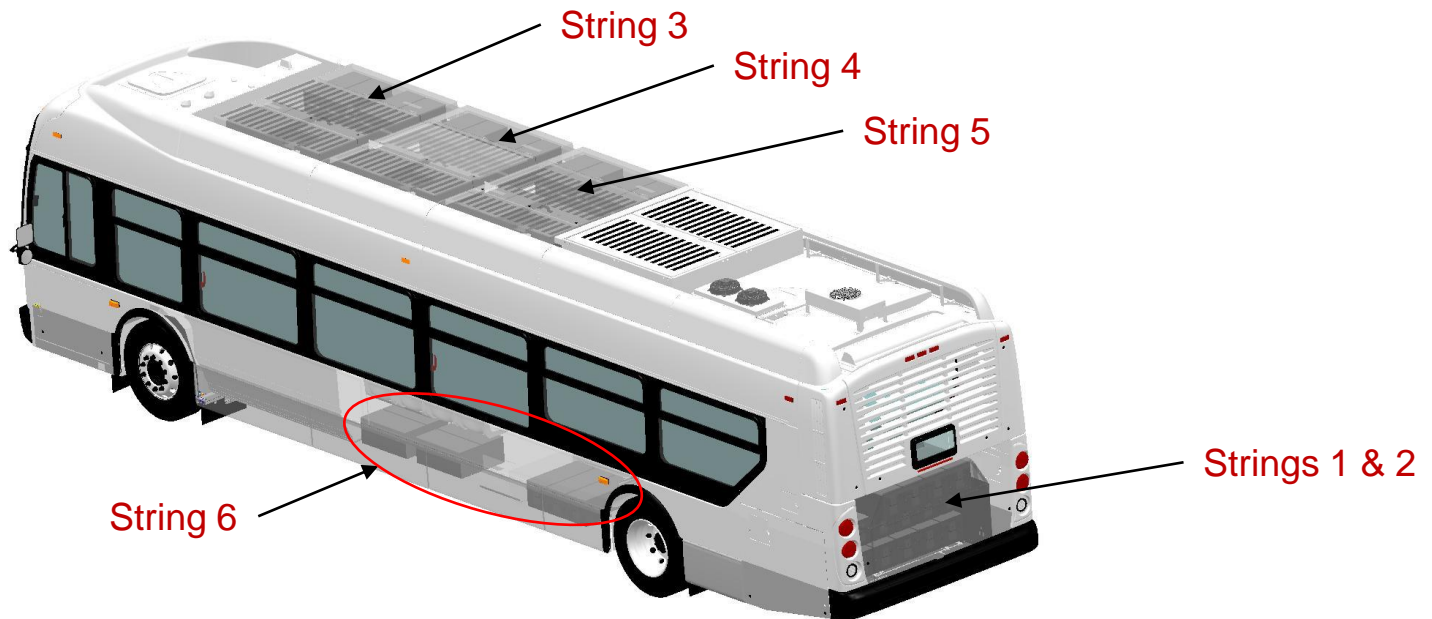
- Electric Bus
- Charging Infrastructure
- Electric Bus Daily Revenue Schedule
- Bus Livery
- Promotional Interior Ads
- Questions





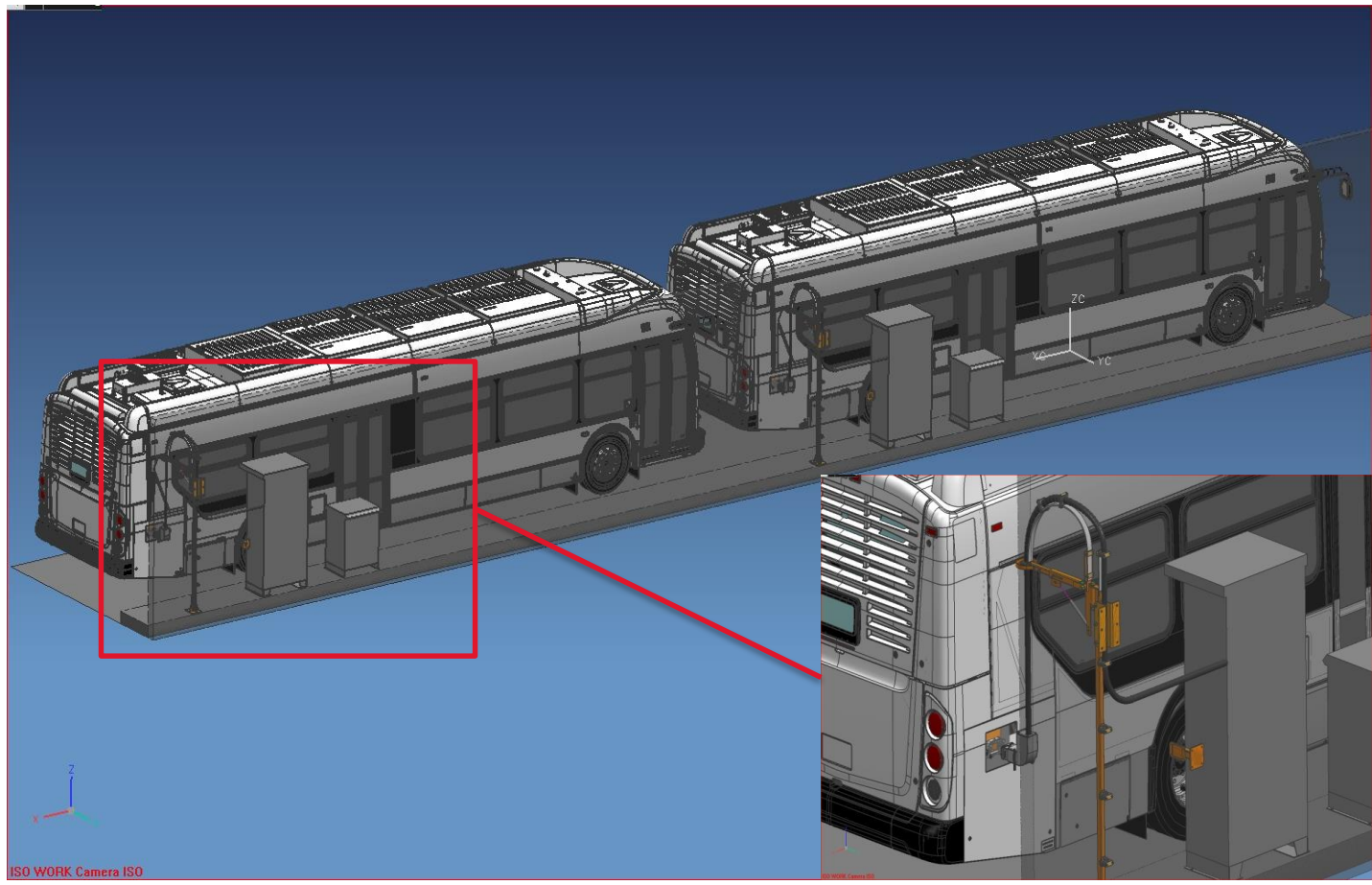
Electric Bus

- New Flyer XE40 with 300 kW-hr Battery Capacity





Charging Infrastructure





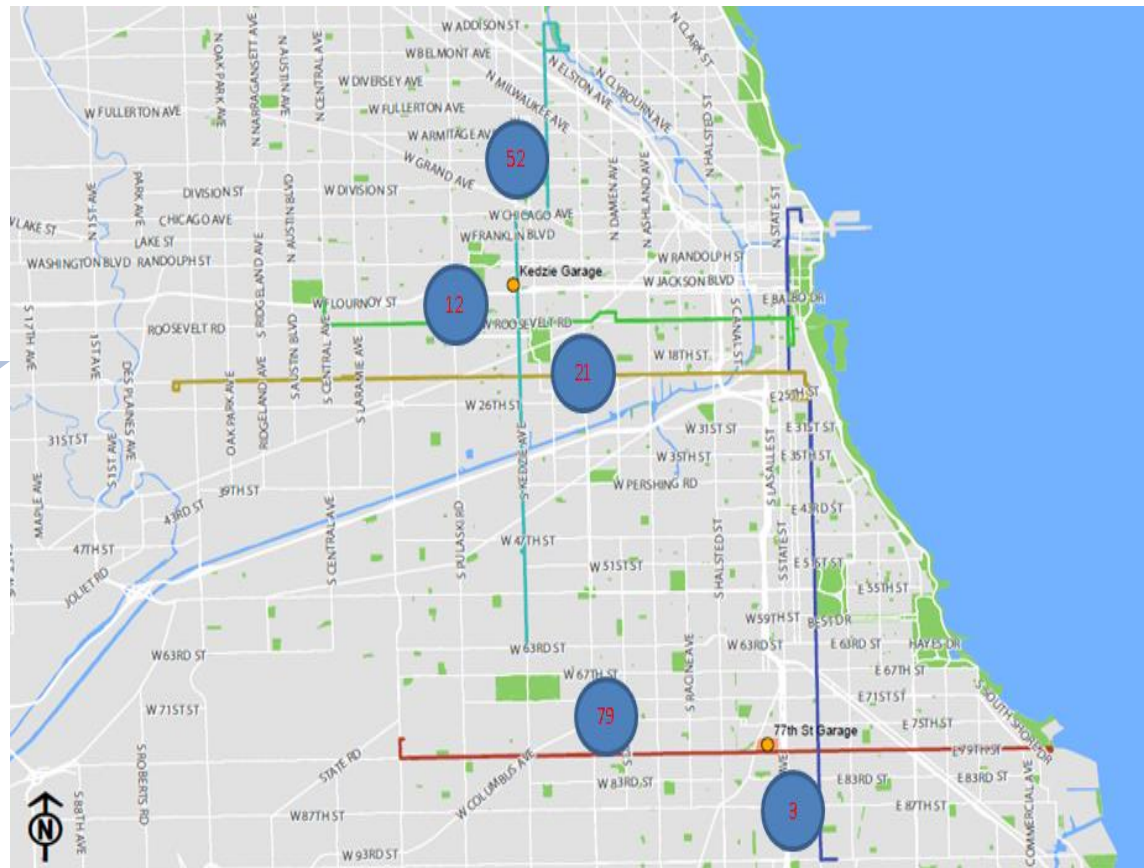
Electric Bus Daily Revenue Schedule

Overnight Charge @ Garage (~3-5 hours)

Morning Revenue Service 50-60 miles (~6 hours)

Afternoon Revenue Service 70-80 Miles (~8 hours)

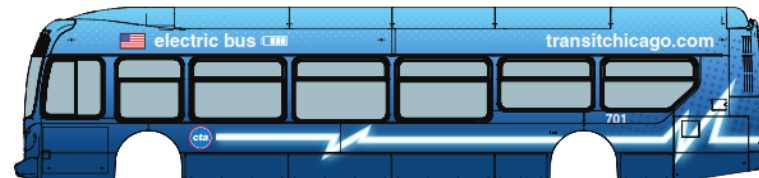
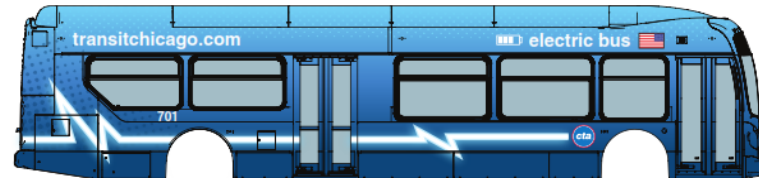
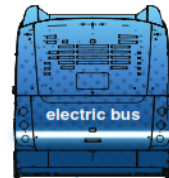
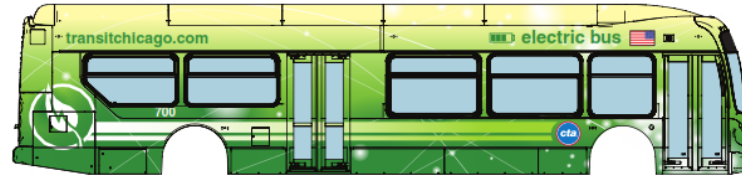
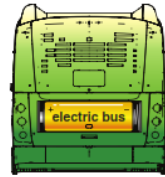
Mid-Day Charge @ Garage (~3-5 hours)



Note: Ridership for routes is published here → <http://www.transitchicago.com/ridership/>



Bus Livery





Promotional Interior Ads



\$25,000

CTA's annual net savings in fuel costs for each electric bus, or \$300,000 over the expected 12-year life span of each bus.*

*When compared to the Nova 6400-series buses they replace.

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80 to 120 miles

The estimated distance this bus can travel on a single charge. Charging a bus takes about 3-5 hours, less than the amount of time needed to charge some tablet devices.

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Breathe easier

With lower harmful emissions, operating one electric bus is the equivalent of removing 23 cars from the road each year! Reduction in harmful emissions also reduces incidents of illnesses and respiratory diseases, which is valued at \$55,000 annually per bus, or \$660,000 over the expected 12-year bus lifespan.*

*Based on the EPA's Diesel Emissions Quantifier Health Benefits Methodology

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You're helping shape the future of public transit

What we learn from using electric buses will not only help shape the future of CTA, but also the overall public transit industry in its ongoing efforts to become more environmentally friendly.

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Did you hear?

The noise produced by this electric bus is the equivalent to a human conversation. Enjoy the smooth, *quiet* ride!

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Questions

