

# Say hello to Iowa's very first electric buses!

Thank you for helping DART welcome seven all-new, all-electric buses to our fleet. These zero emission buses are gas free and run on batteries.

The buses are part of a pilot project to test how the zero emission vehicles will operate in Greater Des Moines. The buses were made possible thanks to a partnership with MidAmerican Energy Company who provided the local match for DART's Low- or No-Emission grant application with the Federal Transit Administration.

## What makes these buses so special?

### CLEAN ▶

With their zero-emission drive, the Proterra Catalyst bus has a 100% electric propulsion system. Each time an electric bus replaces a diesel bus, 230,000 pounds of CO<sub>2</sub> are avoided each year. That is the equivalent to planting 5,000 trees!

### QUIET ▶

Without a combustion engine on board, riders can enjoy a quieter experience aboard the electric bus, and the wider community benefits from reduced noise pollution. We hear the buses are 50% quieter than their diesel counterparts.

### CONNECTED ▶

With just one charge, DART's electric buses can travel an estimated 150 miles. At the end of each day, they need to plug and charge. Did you know you can plug in while ridding? Each seat has a USB port to keep you connected.



# DART Electric Bus

## More Fun Facts

### LOWER OPERATING COSTS ▶

With approximately 30% less parts than a combustion engine, electric drivetrains simplify maintenance & lower operating costs.

### UNIQUE BUS BODY ▶

the electric bus is made with an advanced carbon-fiber-reinforced composite body which is non-conductive, lightweight, and outperforms traditional buses in terms of impact- and corrosion- resistance. Similar material is used in wind turbine blades.

### MADE IN THE U.S.A. ▶

Proterra electric buses are designed and built in the U.S.A. by American workers in manufacturing facilities in California and South Carolina. More than 75% of the materials that make up Proterra vehicles are sourced right here in the United States.

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