Unlocking New Value for Electric Vehicles

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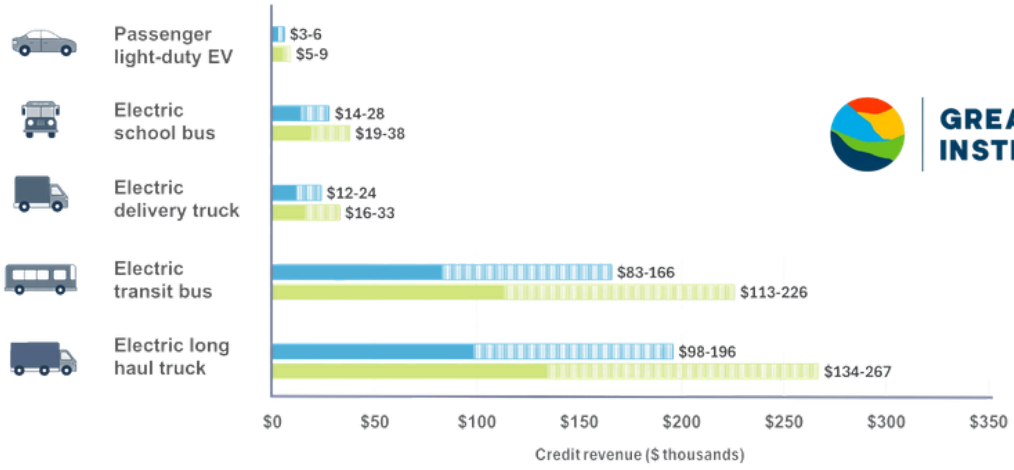
The Michigan Competitive Fuels Act would help Michigan's transportation sector get cleaner while creating new economic opportunities for businesses, fleets, and consumers. Under the Act, transportation fuels that are cleaner than a declining carbon intensity target earn credits that can be sold on the market.

Electricity is among the cleanest transportation fuels available, so electric vehicles would generate credits from day one. That revenue can help lower EV operating costs, strengthen the business case for fleet electrification and charging investment, and create a dependable market for cleaner transportation fuels in Michigan. To quantify that opportunity, the Great Plains Institute modeled the credit revenue different types of electric vehicles could generate under the Act.

Cumulative EV Credit Generation in Michigan



KEY TAKEAWAYS:

- **Every EV can earn.** Passenger vehicles, school buses, delivery trucks, transit buses, and long-haul trucks can all generate credit revenue.
- **Heavy-duty vehicles can generate significant value.** An electric transit bus could generate an estimated $83,000 to $226,000 in credit revenue, while an electric long-haul truck could generate $98,000 to $267,000 over 10 years.
- **The value grows as electricity gets cleaner.** As Michigan's electric grid becomes cleaner, electric vehicles generate greater credit value.

Competitive Fuels COALITION