

How long does it take to green a fleet?

The overnight success story of Twin Rivers



When Twin Rivers Unified School District decided to green its school bus fleet, it expected a years-long process. That is, until it discovered renewable diesel—and turned a costly, lengthy transition into an overnight success story.

In 2017, Twin Rivers originally set out to reduce emissions and improve air quality using electric vehicles. That year, the school district used \$7.5 million in grants to purchase 29 zero-emission electric school buses. The problem? Its fleet consisted of approximately 125 buses, and the newly purchased electric buses accounted for less than a quarter of the district's total fleet.

Searching for a more affordable, scalable, and faster-acting solution, Twin Rivers Director of Transportation Timothy Shannon attended the 2018 Energy Independence Summit in Washington, D.C. There, he learned about the many benefits of Neste MY Renewable Diesel™—and decided to bid for its exclusive delivery to his entire fleet.

Since Neste MY Renewable Diesel is a true drop-in fuel, Shannon could switch his entire fleet without any changes to vehicle infrastructure.

"I would recommend any school bus fleet switch to Neste MY Renewable Diesel because it is a simple switch," Shannon said. "Now we have as clean of a fleet as possible, to help the air quality be the best it can be for our students and community."

Renewable diesel can reduce emissions by up to 80 percent while also lowering maintenance costs. As a result, switching to renewable diesel can help convert heavily polluting vehicles into low-emission vehicles overnight. It also can outperform both conventional biodiesel and conventional fossil diesel in terms of engine performance and environmental impact.

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The Impact of Renewable Diesel:

Reduces emissions by up to

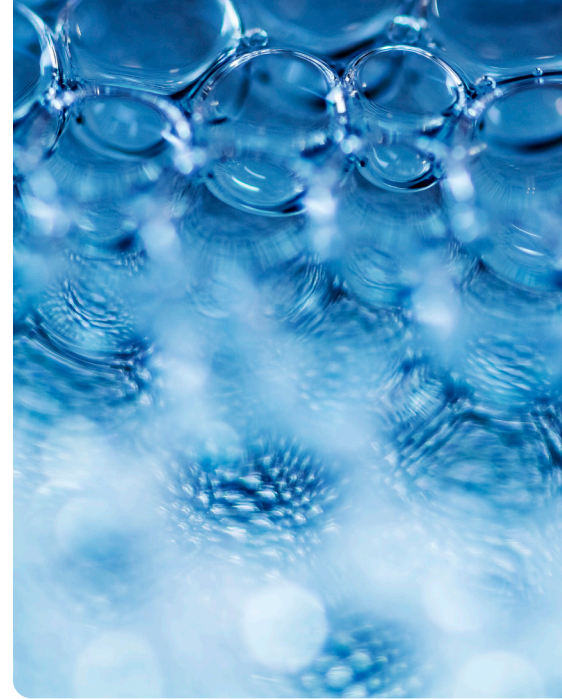
80%

Reduces fine particulate emissions by

33%

Reduces carbon monoxide emissions by

24%



Raymond Manalo, manager of vehicle maintenance for the school district, has noticed additional benefits of using renewable diesel.

“Our bus yard used to have a diesel fog, and working on the equipment was very smelly,” Manalo said. “Switching to renewable diesel, we have eliminated the diesel smell. Now when we have to run the buses in our maintenance shop, we aren’t dying from the diesel smell.”

Manalo’s experience is backed up by statistics. Neste MY Renewable Diesel reduces fine particulate emissions by 33 percent and carbon monoxide emissions by 24 percent, all while delivering powerful, consistent performance.

“There have been no fuel- or engine-related problems while using renewable diesel in our diesel buses,” said Manalo. “It’s an easy drop-in replacement, and we haven’t had any issues with availability of the product.”

By switching to Neste MY Renewable Diesel, Twin Rivers has done more than just rapidly advance its timetable for greening its fleet. It’s proved that making an environmentally and economically sound choice can take place literally overnight—and set a blueprint for other North American fleets along the way.

Learn how Neste MY Renewable Diesel can immediately benefit your fleet at neste.us/neste-my

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