



BIODIESEL: LOUISIANA'S ECONOMIC SOLUTION

Environmental Solutions



B5 The New Orleans Regional Transit Authority bus fleet currently runs on **B5 biodiesel blends**.

T In 2017, RTA biodiesel use **offset 641 tons of greenhouse gas (GHG) emissions**.

F This **reduced fuel consumption** by a gasoline gallon equivalent (GGE) of 73,300 gallons.

50x30 The City of New Orleans aims to **reduce its carbon emissions 50% by 2030**.

40+ Since 2019, New Orleans' RTA has introduced 42 **new biodiesel buses** to its fleet with help from DOE Federal Transportation Administration grants.

B2 Statewide mandate **requires a minimum 2% biodiesel blend in all diesel fuel**. It remains unenforced due to the national Renewable Fuel Standard.



Louisiana's LEADERSHIP



Louisiana leads the nation in renewable diesel production.



In August 2020, Gov. John Bel Edwards signed Executive Order JBE 2020-18, committing Louisiana to achieving net zero greenhouse gas (GHG) emissions within 30 years:

2025 = 26%-28% of 2005 levels
2030 = 40%-50% of 2005 levels
2050 = Net zero

Louisiana's Climate Action Plan calls for transitioning public fleet vehicles to low- and zero-emission vehicles and fuels:

50% by 2035
100% by 2050

Economic Solutions



- 440M** gallons of renewable diesel production capacity
- 14,000** full time jobs
- \$3.4B** in economic activity
- \$90.3M** value for Louisiana farmers, who produced 55.1m bushels of soybeans in 2021
- \$15.4M** value to Louisiana beef and calf producers
- 5.7B** Diamond Green's renewable diesel plant in Norco uses 5.7 billion lbs. of waste fats and oils annually.

ABOUT BIODIESEL AND RENEWABLE DIESEL

Sources: City of New Orleans, Climate Action for a Resilient New Orleans, 2017; Southeast Louisiana Clean Fuels Partnership, Climate Initiatives Task Force, Louisiana Climate Action Plan, Feb. 2022; USDA National Agricultural Statistics Service; Frizzell, R. "NBB Static Biodiesel Shock," INTL FCStone, 2019.

Made from plant-based oils, used cooking oils, and animal fats

Clean-burning

Can be used in any diesel engine without modification

Commercially available nationwide

Today's solution for heavy-duty trucking, emergency vehicles, bus fleets, and farm equipment