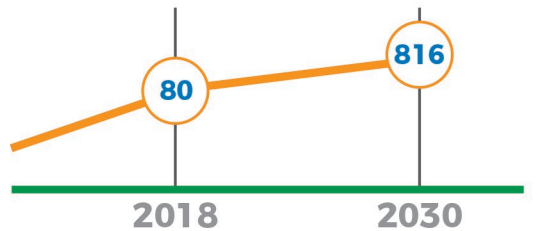


BIODIESEL: THE NORTHEAST'S CARBON SOLUTION

Environmental Solutions



MILLION GALLONS projected annual biodiesel demand for transportation and heating

State and City Initiatives

- PA:** B2 in all transportation fuels.
- NY:** Tax credit on Bioheat® blends, up to \$0.20 for B20. B5 in heating oil for Long Island and Westchester county.
- NYC:** B5 in heating oil, increasing to B20 by 2034. B20 now used in all city diesel vehicles and buildings between April and November.
- RI:** B5 in heating oil. Partial exemption on diesel road tax.
- MA:** Biodiesel is an eligible fuel in Alternative Energy Portfolio Standard.
- CT:** B20 implemented when NY, MA and RI establish similar programs.
- VT:** B7 implemented when NY, NH and MA establish similar programs.

ABOUT BIODIESEL, RENEWABLE DIESEL AND BIOHEAT®

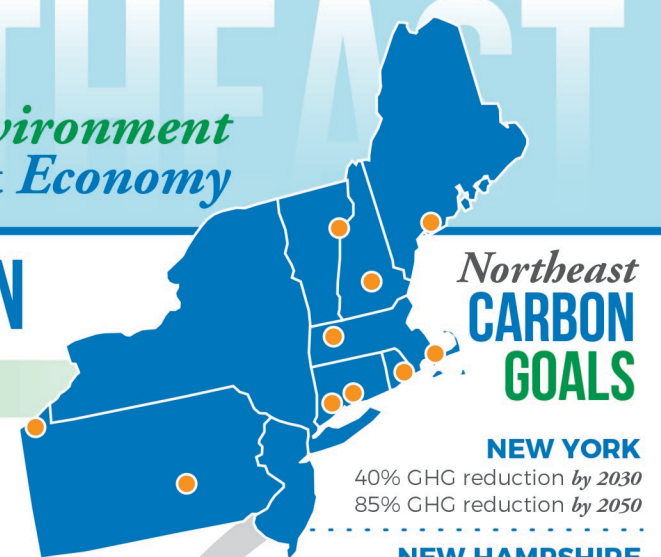
- Made from plant-based oils, used cooking oils, and animal fats
- Clean-burning
- Can be used in any diesel engine or heating equipment
- Commercially available nationwide
- Today's solution for heavy-duty trucking, emergency vehicles, bus fleets, and home or industrial heating

- One in five existing homes in the Northeast (more than 4.5 million) rely on oil heat, using **more than 2.5 billion gallons yearly**.
- By 2030, biodiesel will displace **529 million gallons of petroleum** in heating oil.
- The region's biodiesel and Bioheat® use annually avoids **more than 1.5 million tons of CO2 emissions**, equivalent to **removing 320,000 vehicles from the road or the emissions from annual energy use by 180,000 homes**.
- Biodiesel reduces **particulate emissions by as much as 47%** and **carbon emissions by up to 86%**, according to EPA.

Economic Solutions



- 145M** gallons of production capacity
- 4,600** full time jobs
- \$121M** in annual wages
- \$550M** in economic activity



Northeast CARBON GOALS

NEW YORK
40% GHG reduction *by 2030*
85% GHG reduction *by 2050*

NEW HAMPSHIRE
20% GHG reduction *by 2025*
80% GHG reduction *by 2050*

MAINE
45% GHG reduction *by 2030*
80% GHG reduction *by 2050*

VERMONT
40% GHG reduction *by 2030*
80-90% GHG reduction *by 2050*

MASSACHUSETTS
80% GHG reduction *by 2050*

CONNECTICUT
80% GHG reduction *by 2050*

RHODE ISLAND
45% GHG reduction *by 2035*
80% GHG reduction *by 2050*

NEW JERSEY
80% GHG reduction *by 2050*

Data source: Center for Climate and Energy Solutions; EIA Short-Term Energy Outlook; EIA "Heating Oil Explained."