BIODIESEL: THE NORTHEAST’S CARBON SOLUTION

Environmental Solutions

- One in five existing homes in the Northeast (around 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.

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.
- CT: B20 implemented when NY, MA and RI establish similar programs.
- VT: B7 implemented when NY, NH and MA establish similar programs.

Economic Solutions

- 155M gallons of production capacity
- 4,950 full time jobs
- $175M in annual wages
- $1.2B in economic activity
- Pennsylvania: B2 in all transportation fuels.
- New York: Tax credit on Bioheat® blends, up to $0.20 for B20. B5 in heating oil for Long Island and Westchester county.
- New York City: B5 in heating oil, increasing to B20 by 2034. B20 now used in all city diesel vehicles and buildings between April and November.
- Rhode Island: B5 in heating oil. Partial exemption on diesel road tax.
- Massachusetts: Biodiesel is an eligible fuel in Alternative Energy Portfolio Standard.
- Connecticut: B20 implemented when NY, MA and RI establish similar programs.
- Vermont: B7 implemented when NY, NH and MA establish similar programs.

Northeast CARBON REDUCTION GOALS

- New York: 40% by 2030, 85% by 2050
- New Hampshire: 20% by 2025, 80% by 2050
- Maine: 45% by 2030, 80% by 2050
- Vermont: 45% by 2030, 80-90% by 2050
- Massachusetts: 80% by 2050
- Connecticut: 80% by 2050
- New Jersey: 80% by 2050
- Rhode Island: 45% by 2035, 80% by 2050


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

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