



MEMORANDUM OF SUPPORT

Bioheating Fuel Requirements

S.3321A – Kaminsky

A.7290 - Englebright

An Act to amend the environmental conservation law, in relation to bioheating fuel requirements

Justification

Petroleum-based fuels, which are refined from crude oil, emit several different pollutants into the atmosphere when used as a heating fuel. Particulates, carbon monoxide, nitrogen oxides, hydrocarbons and sulfur dioxide are all emitted due to the use of petroleum-based fuels. These emissions cause many adverse health effects, including respiratory and cardiovascular harm. Petroleum-based fuels also emit greenhouse gas emissions, which contribute to climate change.

To meet the State's ambitious Climate Leadership and Community Protection Act (CLCPA) goals of reducing greenhouse gas emissions by 40% by 2030 and 85% by 2050, petroleum-based fuels must be addressed. Biodiesel is a non-toxic, biodegradable, renewable fuel that can be used as a substitute for traditional fossil fuel heating and transportation oil. Biodiesel is produced from agricultural byproducts and coproducts, including used cooking oil, animal fats, inedible corn, soybean, and canola oil. Requiring the addition of biodiesel in heating oil would significantly reduce greenhouse gas emissions by 52% to 86% and reduces lifecycle emissions by 78% when compared to petroleum-based fuels.

The addition of biodiesel and renewable hydrocarbon diesel in heating oil will result in significant and immediate reductions in harmful emissions, improve air quality, and benefit public health and the environment. Additionally, this will help the State achieve the greenhouse gas emission reduction goals of the CLCPA.

This bill would require all heating oil sold for use in any building in the State to be bioheating fuel that contains at least 5% biodiesel by July of 2022, at least 10% by July of 2025, and at least 20% by July of 2030.

**CITIZENS CAMPAIGN FOR THE ENVIRONMENT SUPPORTS
S.3321A / A.7290–Bioheating Fuel Requirements**

CCE is an 120,000-member non-profit, non-partisan advocacy organization that works to empower communities and advocate solutions that protect public health and the natural environment.

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