STATE OF NEW YORK

2962--A

2021-2022 Regular Sessions

IN SENATE

January 26, 2021

Introduced by Sens. PARKER, ADDABBO, BAILEY, BIAGGI, BRESLIN, COMRIE, GAUGHRAN, HARCKHAM, HINCHEY, HOYLMAN, KAMINSKY, KAPLAN, KAVANAGH, PERSAUD, RIVERA, SERRANO, SKOUFIS, THOMAS -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation -- committee discharged, bill amended, ordered reprinted as amended and recommitted to said committee

AN ACT to amend the environmental conservation law, in relation to establishing the "clean fuel standard of 2021"

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Legislative findings and declarations:

1. The transportation sector in New York is a leading source of criteria pollutants and the leading source of greenhouse gas emissions that endanger public health and welfare by causing and contributing to increased air pollution and dangerous climate change. Meeting the pollution reduction requirements of the Climate Leadership and Communities Protection Act will require sharp decreases in transportation-related emissions.

2. Shifting from today's petroleum-based transportation fuels to alternative fuels has the potential to significantly reduce transportation emissions of air pollutants and greenhouse gases and is recommended by the Intergovernmental Panel on Climate Change as an important pathway for holding global warming to 1.5 degrees Celsius.

3. The Climate Leadership and Communities Protection Act directs the Department of Environmental Protection to promulgate regulations that will reduce greenhouse gas emissions, including from on-road vehicles.

4. New York signed a 15-state MOU to develop an action plan to reduce toxic diesel emissions from medium and heavy-duty vehicles by 2050.

5. A clean fuels standard regulation would promote innovation production and use of non-petroleum fuels that reduce vehicle and fuel-

EXPLANATION--Matter in *italics* (underscored) is new; matter in brackets [-] is old law to be omitted.

LBD01173-03-1

related air pollution that endangers public health and welfare and disproportionately impacts disadvantaged communities.

§ 2. Short title. This act may be known and may be cited as the "clean fuel standard of 2021".

§ 3. The environmental conservation law is amended by adding a new section 19-0329 to read as follows:

§ 19-0329. Clean fuel standard.

(1) A clean fuel standard is hereby established. The clean fuel standard is intended to reduce carbon intensity from the on-road transportation sector by twenty percent by two thousand thirty, with further reductions to be implemented based upon advances in technology as determined by the commissioner. Aviation fuels shall be exempted from the clean fuel standard due to federal preemption, but sustainable aviation fuel shall be eligible to generate credits on an opt-in basis.

(2) The clean fuel standard shall apply to all providers of transportation fuels, including electricity, in New York, shall be measured on a full fuels lifecycle basis and may be met through market-based methods by which providers exceeding the performance required by the clean fuel standard shall receive credits that may be applied to future obligations or traded to providers not meeting the clean fuel standard. The generation of credits must use a lifecycle emissions performance-based approach that is technology and feedstock neutral to achieve fuel decarbonization. In addition to fuel decarbonization, credits generated through the use of clean fuel types will help promote innovation and investment in such clean fuels. For purposes of this section the term "providers" shall include, but shall not be limited to, all refiners, blenders, producers or importers of transportation fuels, or enablers of electricity used as transportation fuel, "carbon intensity" means the quantity of lifecycle greenhouse gas emissions per unit of fuel energy, and "full fuels lifecycle" means the aggregate of greenhouse gas emissions, including direct emissions and significant indirect emissions, such as significant emissions from land use changes as determined by the commissioner. The full fuels lifecycle includes all stages of fuel and feedstock production and distribution, from feedstock generation or extraction through the distribution and delivery and use of the finished fuel by the ultimate consumer. In calculating full fuels lifecycle greenhouse gas emissions, the mass values for all non-carbon-dioxide greenhouse gases must be adjusted to account for their relative global warming potentials. This conversion shall use the most appropriate conversion relative to global warming potentials as determined by the commissioner based on the best available science.

(3) Within twenty-four months following adoption of the clean fuel standard, the commissioner, in consultation with the New York state energy research and development authority, shall promulgate regulations establishing a clean fuel standard with performance objectives to implement subdivision one of this section. Such regulations may be phased into effect giving priority to the heavy-duty transportation sector consisting of vehicles with the classification of six or higher as classified by the Federal Highway Administration. The clean fuel standard shall take into consideration the low carbon fuel standard adopted in California and other states, may rely upon the carbon intensity of values established for transportation fuels in such states and shall include coordination with other Northeastern states to promote regional reductions in greenhouse gas emissions.

(4) The regulations adopted pursuant to this section shall include fees for the registration of providers to offset the costs associated with implementation of the clean fuel standard.

(5) Within twenty-four months following the adoption of regulations implementing a clean fuel standard, the commissioner shall report to the legislature regarding the implementation of the program, the reductions in greenhouse gas emissions that have been achieved through the clean fuel standard and targets for future reductions in greenhouse gas emissions from the transportation sector.

(6) Nothing in this section shall preclude the department from enacting or maintaining other programs to reduce greenhouse gas emissions from the transportation sector.

§ 4. This act shall take effect immediately.