

STATE OF NEW YORK

2962--B

2021-2022 Regular Sessions

IN SENATE

January 26, 2021

Introduced by Sens. PARKER, ADDABBO, BAILEY, BIAGGI, BOYLE, BRESLIN, BRISPORT, BROOKS, BROUK, COMRIE, COONEY, GAUGHRAN, GIANARIS, GOUNARDES, HARCKHAM, HINCHEY, HOYLMAN, JACKSON, KAMINSKY, KAPLAN, KAVANAGH, KENNEDY, KRUEGER, LIU, MANNION, MARTUCCI, MATTERA, MAY, MAYER, MYRIE, OBERACKER, PALUMBO, PERSAUD, REICHLIN-MELNICK, RIVERA, SALAZAR, SANDERS, SAVINO, SEPULVEDA, SERRANO, SKOUFIS, STAVISKY, THOMAS, WEIK -- 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 -- recommitted to the Committee on Environmental Conservation in accordance with Senate Rule 6, sec. 8 -- 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 2022"

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

- 1 Section 1. Legislative findings and declarations:
- 2 1. The transportation sector in New York is a leading source of crite-
- 3 ria pollutants and the leading source of greenhouse gas emissions that
- 4 endanger public health and welfare by causing and contributing to
- 5 increased air pollution and dangerous climate change. Meeting the
- 6 pollution reduction requirements of the Climate Leadership and Communi-
- 7 ties Protection Act will require sharp decreases in transportation-re-
- 8 lated emissions.
- 9 2. Shifting from today's petroleum-based transportation fuels to
- 10 alternative fuels has the potential to significantly reduce transporta-
- 11 tion emissions of air pollutants and greenhouse gases and is recommended
- 12 by the Intergovernmental Panel on Climate Change as an important pathway
- 13 for holding global warming to 1.5 degrees Celsius.

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

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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-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 2022".

§ 3. The environmental conservation law is amended by adding a new section 19-0331 to read as follows:

§ 19-0331. 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 and to support achieving the goals of the climate action plan established pursuant to section 75-0103 of this chapter 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 shall be assessed annually and 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

1 consisting of vehicles with the classification of six or higher as clas-
2 sified by the Federal Highway Administration. The clean fuel standard
3 shall take into consideration the low carbon fuel standard adopted in
4 California and other states, may rely upon the carbon intensity of
5 values established for transportation fuels in such states and shall
6 include coordination with other Northeastern states to promote regional
7 reductions in greenhouse gas emissions.

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

11 (5) Investment of funds. Electric utilities, state agencies, and
12 authorities, in consultation with the climate justice working group and
13 the climate action council established pursuant to section 75-0103 of
14 this chapter, shall, to the extent practicable, invest or direct avail-
15 able and relevant programmatic resources to provide forty percent of
16 such electric utility's, state agency's, or authority's overall credit
17 value on electrified transportation programs, projects, or investments
18 to directly benefit disadvantaged communities, including, but not limit-
19 ed to, electrification and battery swap programs for school or transit
20 buses; electrification of drayage trucks; investment in public electric
21 vehicle charging infrastructure and electric vehicle charging infras-
22 tructure in multi-family residences; investment in electric mobility
23 solutions such as electric vehicle sharing and ride hailing programs;
24 multilingual marketing, education, and outreach designed to increase
25 awareness and adoption of electric vehicles; and additional rebates and
26 incentives for low-income individuals beyond existing local, federal,
27 and state rebates and incentives.

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

34 (7) Nothing in this section shall preclude the department from enact-
35 ing or maintaining other programs to reduce greenhouse gas emissions
36 from the transportation sector.

37 § 4. This act shall take effect immediately.