

STATE OF NEW YORK

2127

2023-2024 Regular Sessions

IN SENATE

January 18, 2023

Introduced by Sen. GIANARIS -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation

AN ACT to amend the environmental conservation law, in relation to establishing an indirect source review for certain warehouse operations

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

Section 1. The environmental conservation law is amended by adding a new article 74 to read as follows:

ARTICLE 74

INDIRECT SOURCE REVIEW

Section 74-0101. Definitions.

74-0103. Indirect source review.

74-0105. Zero emissions zones study.

§ 74-0101. Definitions.

As used in this article the following terms shall have the following meanings:

1. "Heavy distribution warehouse" means a facility that falls under one of the following categories:

(a) Fulfillment center. A facility whose primary purpose is storage and distribution of e-commerce goods to consumers or end-users, either directly or through a parcel hub.

(b) Parcel hub. A last mile facility or similar facility whose primary purpose is processing or redistribution of goods for delivery directly to consumers or end-users, by moving a shipment from one mode of transport to a vehicle with a rated capacity of less than ten thousand pounds.

(c) Parcel sorting facility. A facility whose primary purpose is sorting or redistribution of goods from a fulfillment center to a parcel hub.

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

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1 2. "Qualifying warehouse" means any heavy distribution warehouse that
2 is fifty thousand square feet or greater.

3 3. "Warehouse operator" means any entity that conducts day-to-day
4 operations at a heavy distribution warehouse, including operations
5 conducted through the use of third-party contractors.
6 § 74-0103. Indirect source review.

7 1. No later than twelve months after the effective date of this
8 section, the department shall promulgate rules and regulations providing
9 for the facility-by-facility review of qualifying warehouses and
10 adoption of measures to reduce air pollution associated with emissions
11 related to qualifying warehouse operations, including mobile source
12 emissions.

13 2. In crafting such rules and regulations, the department shall
14 consider measures including but not limited to requiring all warehouse
15 operators to implement an air emissions reduction and mitigation plan
16 developed or approved by the department; creating a points system under
17 which warehouse operators must gain a certain number of points, based on
18 the amount of truck traffic that results from their operations, through
19 mitigation measures such as acquiring and using zero-emissions vehicles,
20 installing and using on-site electric vehicle charging equipment, using
21 alternatives to truck or van trips for incoming or outgoing trips,
22 and/or installing solar electric power generation and battery storage
23 systems; and requiring enhanced mitigation measures for warehouses
24 located near sensitive receptors including but not limited to schools,
25 daycares, playgrounds, parks, hospitals, senior centers or nursing homes
26 and disadvantaged communities as defined by section 75-0101 of this
27 chapter.

28 3. (a) The department shall require any proposed new development or
29 major modification of a qualifying warehouse to first obtain a permit
30 demonstrating that any additional traffic resulting from its
31 construction and operation will not result in a violation of national
32 ambient air quality standards established by the federal environmental
33 protection agency or, if a violation already exists, will not exacerbate
34 such violation.

35 (b) The department shall require applicants to submit information
36 necessary to make such a determination pursuant to paragraph (a) of this
37 subdivision, including but not limited to, projected average number of
38 daily truck trips and primary routes to the facility, a study of poten-
39 tial traffic and congestion impacts, identification of all sensitive
40 receptors, including but not limited to, schools, daycares, playgrounds,
41 parks, hospitals, senior centers or nursing homes near the proposed
42 warehouse or near the primary truck routes, and an initial emissions
43 reduction and mitigation plan as provided for in subdivision two of this
44 section.

45 4. The department shall establish ongoing monitoring and reporting
46 requirements for warehouse operators. All reports shall be made accessi-
47 ble to the public and posted on a publicly available website. Reporting
48 requirements shall include, but not be limited to, annual reporting of:

49 (a) The average daily number of inbound and outbound vehicle trips by
50 vehicle weight and class, and by time of day and day of the week;

51 (b) The average daily vehicle miles traveled for all vehicles making
52 inbound and outbound trips to and from the qualifying warehouse;

53 (c) The average daily vehicle miles traveled and number of inbound and
54 outbound trips for alternative modes of freight such as cargo bicycles,
55 waterborne transport and drones;

56 (d) A heat map of the frequency data for trip destinations;

1 (e) The number of jobs at the facility, including drivers and others
2 employed by third-party contractors, with a breakdown of percentage of
3 part-time and full-time employees, independent contractors, unionized
4 and non-union employees;

5 (f) The percentage of vehicles used, specifying on-road vehicles and
6 off-road vehicles as well as weight and vehicle class, that are zero
7 emissions;

8 (g) The number of electric vehicle charging stations installed and
9 actual usage;

10 (h) The number of hydrogen fueling stations installed and actual
11 usage;

12 (i) The number of on-site renewable energy generation systems
13 installed; and

14 (j) Any other information necessary to effectively implement and
15 enforce any rule or regulation promulgated pursuant to this section.

16 5. The department shall impose an annual registration fee for ware-
17 house operators, and institute additional fees for warehouse operators
18 that fail to submit an approved plan pursuant to subdivision two of this
19 section or to otherwise comply with any rule or regulation promulgated
20 pursuant to this section. Such fees shall be determined by the commis-
21 sioner.

22 § 74-0105. Zero emissions zones study.

23 Within twelve months of the effective date of this section, the
24 department shall complete a study on the feasibility, benefits and costs
25 of implementing low- and zero-emissions designated zones for medium- and
26 heavy-duty vehicles within the state that are designed to lower air
27 pollution, congestion, greenhouse gas emissions, and noise, and to
28 increase safety. The study shall include recommendations for implementa-
29 tion of low- and zero-emissions zones at the state and local level and
30 shall be made available to the public and posted on a publicly available
31 web site. In conducting the study, the department shall consider:

32 1. Creation of zones restricting deliveries to zero-emissions delivery
33 vehicles only;

34 2. Creation of zones requiring delivery vehicles to meet certain
35 stringent emissions standards;

36 3. Creation of zones requiring a fee for entry for diesel-powered
37 medium- and heavy-duty vehicles;

38 4. Prioritization of low- and zero-emissions zones within disadvan-
39 tagged communities identified under article seventy-five of this chapter;
40 nonattainment zones under the national ambient air quality standards set
41 by the federal environmental protection agency; and other vulnerable
42 areas including areas proximate to schools, hospitals, and environ-
43 mentally sensitive locations;

44 5. Incentives and enforceable measures for low- and zero-emissions
45 zones, including fees;

46 6. Measures to ensure reinvestment of any revenues from fees in public
47 transit and zero-emissions transportation infrastructure;

48 7. Equity considerations, including preventing unintended regressive
49 cost impacts for low- and moderate-income New Yorkers; and

50 8. Barriers to implementing low- and zero-emissions zones in the state
51 and recommendations for overcoming such barriers.

52 § 2. This act shall take effect immediately.