

S T A T E O F N E W Y O R K

2720--A

2011-2012 Regular Sessions

I N S E N A T E

January 31, 2011

Introduced by Sen. SERRANO -- read twice and ordered printed, and when printed to be committed to the Committee on Environmental Conservation -- 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 reducing the emission of pollutants from diesel fuel-powered motor vehicles owned by agencies of cities with populations over 45,000

THE PEOPLE OF THE STATE OF NEW YORK, REPRESENTED IN SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

1 Section 1. The environmental conservation law is amended by adding a
2 new section 19-0306-b to read as follows:
3 S 19-0306-B. USE OF ULTRA LOW SULFUR DIESEL FUEL AND BEST AVAILABLE
4 RETROFIT TECHNOLOGY BY DIESEL FUEL-POWERED MOTOR VEHIC-
5 CLES IN CITIES WITH POPULATIONS OVER FORTY-FIVE THOU-
6 SAND.
7 1. DEFINITIONS. WHEN USED IN THIS SECTION:
8 A. "BEST AVAILABLE RETROFIT TECHNOLOGY" MEANS TECHNOLOGY, VERIFIED BY
9 THE EPA OR THE CALIFORNIA AIR RESOURCES BOARD, FOR REDUCING THE EMIS-
10 SION OF POLLUTANTS THAT ACHIEVES REDUCTIONS IN PARTICULATE MATTER EMIS-
11 SIONS AT THE HIGHEST CLASSIFICATION LEVEL FOR DIESEL EMISSION CONTROL
12 STRATEGIES, AS SET FORTH IN SUBDIVISION FOUR OF THIS SECTION, THAT IS
13 APPLICABLE TO THE PARTICULAR ENGINE AND APPLICATION. SUCH TECHNOLOGY
14 SHALL ALSO, AT A REASONABLE COST, ACHIEVE THE GREATEST REDUCTION IN
15 EMISSIONS OF NITROGEN OXIDES AT SUCH PARTICULATE MATTER REDUCTION LEVEL
16 AND SHALL IN NO EVENT RESULT IN A NET INCREASE IN THE EMISSIONS OF
17 EITHER PARTICULATE MATTER OR NITROGEN OXIDES.
18 B. "CITY AGENCY" MEANS A CITY, COUNTY, BOROUGH, ADMINISTRATION,
19 DEPARTMENT, DIVISION, BUREAU, BOARD OR COMMISSION, OR A CORPORATION,

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

LBD00215-02-2

1 INSTITUTION OR AGENCY OF GOVERNMENT, THE EXPENSES OF WHICH ARE PAID IN
2 WHOLE OR IN PART FROM THE CITY TREASURY.

3 C. "GROSS VEHICLE WEIGHT RATING" MEANS THE VALUE SPECIFIED BY THE
4 MANUFACTURER OF A MOTOR VEHICLE MODEL AS THE MAXIMUM DESIGN LOADED
5 WEIGHT OF A SINGLE VEHICLE OF THAT MODEL.

6 D. "MOTOR VEHICLE" MEANS A VEHICLE OPERATED OR DRIVEN UPON A PUBLIC
7 HIGHWAY WHICH IS PROPELLED BY ANY POWER OTHER THAN MUSCULAR POWER,
8 EXCEPT ELECTRICALLY-DRIVEN MOBILITY ASSISTANCE DEVICES OPERATED OR DRIV-
9 EN BY A PERSON WITH A DISABILITY, PROVIDED, HOWEVER, THAT THIS TERM
10 SHALL NOT INCLUDE VEHICLES THAT ARE SPECIALLY EQUIPPED FOR EMERGENCY
11 RESPONSE BY CITY FIRE, POLICE, SHERIFF OR RESCUE DEPARTMENTS.

12 E. "PERSON" MEANS ANY NATURAL PERSON, CO-PARTNERSHIP, FIRM, COMPANY,
13 ASSOCIATION, JOINT STOCK ASSOCIATION, CORPORATION OR OTHER LIKE ORGAN-
14 IZATION.

15 F. "REASONABLE COST" MEANS THAT SUCH TECHNOLOGY DOES NOT COST GREATER
16 THAN THIRTY PERCENT MORE THAN OTHER TECHNOLOGY APPLICABLE TO THE PARTIC-
17 ULAR ENGINE AND APPLICATION THAT FALLS WITHIN THE SAME CLASSIFICATION
18 LEVEL FOR DIESEL EMISSION CONTROL STRATEGIES, AS SET FORTH IN SUBDIVI-
19 SION FOUR OF THIS SECTION, WHEN CONSIDERING THE COST OF THE STRATEGIES,
20 THEMSELVES, AND THE COST OF INSTALLATION.

21 G. "ULTRA LOW SULFUR DIESEL FUEL" MEANS DIESEL FUEL THAT HAS A SULFUR
22 CONTENT OF NO MORE THAN FIFTEEN PARTS PER MILLION.

23 2. A. EACH DIESEL FUEL-POWERED MOTOR VEHICLE OWNED OR OPERATED BY A
24 CITY AGENCY SHALL BE POWERED BY ULTRA LOW SULFUR DIESEL FUEL.

25 B. DIESEL FUEL-POWERED MOTOR VEHICLES HAVING A GROSS VEHICLE WEIGHT
26 RATING OF MORE THAN EIGHTY-FIVE HUNDRED POUNDS THAT ARE OWNED OR OPER-
27 ATED BY CITY AGENCIES SHALL UTILIZE THE BEST AVAILABLE RETROFIT TECHNOL-
28 OGY OR BE EQUIPPED WITH AN ENGINE CERTIFIED TO THE APPLICABLE TWO THOU-
29 SAND SEVEN EPA STANDARD FOR PARTICULATE MATTER AS SET FORTH IN SECTION
30 86.007-11 OF TITLE 40 OF THE CODE OF FEDERAL REGULATIONS OR TO ANY
31 SUBSEQUENT EPA STANDARD FOR SUCH POLLUTANT THAT IS AT LEAST AS STRIN-
32 GENT, PURSUANT TO THE FOLLOWING SCHEDULE:

33 (I) 7% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2013;
34 (II) 14% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2014;
35 (III) 30% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2015;
36 (IV) 50% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2016;
37 (V) 70% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2017;
38 (VI) 90% OF ALL SUCH MOTOR VEHICLES	BY JANUARY 1, 2018;
39 (VII) 100% OF ALL SUCH MOTOR VEHICLES	BY JULY 1, 2019.

40 3. A. THE COMMISSIONER SHALL MAKE DETERMINATIONS, AND SHALL PUBLISH A
41 LIST CONTAINING SUCH DETERMINATIONS, AS TO THE BEST AVAILABLE RETROFIT
42 TECHNOLOGY TO BE USED FOR EACH TYPE OF DIESEL FUEL-POWERED MOTOR VEHICLE
43 TO WHICH THIS SECTION APPLIES. EACH SUCH DETERMINATION SHALL BE REVIEWED
44 AND REVISED, AS NEEDED, ON A REGULAR BASIS, BUT IN NO EVENT LESS OFTEN
45 THAN ONCE EVERY SIX MONTHS.

46 B. THE COMMISSIONER MAY DETERMINE THAT A TECHNOLOGY, WHETHER OR NOT IT
47 HAS BEEN VERIFIED BY THE EPA OR THE CALIFORNIA AIR RESOURCES BOARD, MAY
48 BE APPROPRIATE TO TEST, ON AN EXPERIMENTAL BASIS, ON A PARTICULAR TYPE
49 OF DIESEL FUEL-POWERED MOTOR VEHICLE OWNED OR OPERATED BY A CITY AGENCY.
50 THE COMMISSIONER MAY AUTHORIZE SUCH TECHNOLOGY TO BE INSTALLED ON UP TO
51 FIVE PERCENT OR TWENTY-FIVE OF SUCH TYPE OF MOTOR VEHICLE, WHICHEVER IS
52 LESS. ANY MOTOR VEHICLE ON WHICH SUCH TECHNOLOGY IS INSTALLED MAY BE
53 COUNTED FOR THE PURPOSE OF MEETING THE REQUIREMENTS OF PARAGRAPH A OF
54 SUBDIVISION TWO OF THIS SECTION. SUCH TECHNOLOGY SHALL NOT BE REQUIRED
55 TO BE INSTALLED ON OTHER MOTOR VEHICLES OF THE SAME TYPE AND SHALL BE
56 SUBJECT TO THE PROVISIONS OF PARAGRAPH C OF THIS SUBDIVISION.

1 C. NO CITY AGENCY SHALL BE REQUIRED TO REPLACE BEST AVAILABLE RETROFIT
2 TECHNOLOGY OR EXPERIMENTAL TECHNOLOGY UTILIZED FOR A DIESEL FUEL-POWERED
3 MOTOR VEHICLE IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION WITHIN
4 THREE YEARS OF HAVING FIRST UTILIZED SUCH TECHNOLOGY FOR SUCH VEHICLE,
5 EXCEPT THAT TECHNOLOGY THAT FALLS WITHIN LEVEL FOUR, AS SET FORTH IN
6 SUBDIVISION FOUR OF THIS SECTION, SHALL NOT BE REQUIRED TO BE REPLACED
7 UNTIL IT HAS REACHED THE END OF ITS USEFUL LIFE.

8 4. THE CLASSIFICATION LEVELS FOR DIESEL EMISSION CONTROL STRATEGIES
9 ARE AS FOLLOWS, WITH LEVEL FOUR BEING THE HIGHEST CLASSIFICATION LEVEL:

10 A. LEVEL FOUR - STRATEGY REDUCES DIESEL PARTICULATE MATTER EMISSIONS
11 BY EIGHTY-FIVE PERCENT OR GREATER OR REDUCES ENGINE EMISSIONS TO LESS
12 THAN OR EQUAL TO 0.01 GRAMS DIESEL PARTICULATE MATTER PER BRAKE HORSE-
13 POWER-HOUR;

14 B. LEVEL THREE - STRATEGY REDUCES DIESEL PARTICULATE MATTER EMISSIONS
15 BY BETWEEN FIFTY AND EIGHTY-FOUR PERCENT;

16 C. LEVEL TWO - STRATEGY REDUCES DIESEL PARTICULATE MATTER EMISSIONS BY
17 BETWEEN TWENTY-FIVE AND FORTY-NINE PERCENT;

18 D. LEVEL ONE - STRATEGY REDUCES DIESEL PARTICULATE MATTER EMISSIONS BY
19 BETWEEN TWENTY AND TWENTY-FOUR PERCENT.

20 5. THE COMMISSIONER SHALL ISSUE A WRITTEN DETERMINATION THAT PERMITS
21 THE USE OF DIESEL FUEL THAT HAS A SULFUR CONTENT OF NO MORE THAN THIRTY
22 PARTS PER MILLION TO FULFILL THE REQUIREMENTS OF THIS SECTION IF ULTRA
23 LOW SULFUR DIESEL FUEL IS NOT AVAILABLE TO MEET THE NEEDS OF CITY AGEN-
24 CIES TO FULFILL THE REQUIREMENTS OF THIS SECTION. SUCH DETERMINATION
25 SHALL EXPIRE AFTER SIX MONTHS AND SHALL BE RENEWED IN WRITING EVERY SIX
26 MONTHS IF SUCH LACK OF AVAILABILITY PERSISTS, BUT IN NO EVENT SHALL BE
27 IN EFFECT AFTER SEPTEMBER FIRST, TWO THOUSAND THIRTEEN.

28 6. THE COMMISSIONER MAY ISSUE A WAIVER FOR THE USE OF ULTRA LOW SULFUR
29 DIESEL FUEL WHERE A CITY AGENCY MAKES A WRITTEN FINDING, WHICH IS
30 APPROVED, IN WRITING, BY THE COMMISSIONER, THAT A SUFFICIENT QUANTITY OF
31 ULTRA LOW SULFUR DIESEL FUEL, OR DIESEL FUEL THAT HAS A SULFUR CONTENT
32 OF NO MORE THAN THIRTY PARTS PER MILLION WHERE A DETERMINATION IS IN
33 EFFECT PURSUANT TO SUBDIVISION FIVE OF THIS SECTION, IS NOT AVAILABLE TO
34 MEET THE REQUIREMENTS OF THIS SECTION, PROVIDED THAT SUCH AGENCY, TO THE
35 EXTENT PRACTICABLE, SHALL USE WHATEVER QUANTITY OF ULTRA LOW SULFUR
36 DIESEL FUEL OR DIESEL FUEL THAT HAS A SULFUR CONTENT OF NO MORE THAN
37 THIRTY PARTS PER MILLION IS AVAILABLE FOR ITS DIESEL FUEL-POWERED MOTOR
38 VEHICLES. ANY WAIVER ISSUED PURSUANT TO THIS SUBDIVISION SHALL EXPIRE
39 AFTER TWO MONTHS, UNLESS THE CITY AGENCY RENEWS THE FINDING, IN WRITING,
40 AND THE COMMISSIONER APPROVES SUCH RENEWAL, IN WRITING.

41 7. A. NOT LATER THAN JANUARY FIRST, TWO THOUSAND FOURTEEN, AND NOT
42 LATER THAN JANUARY FIRST OF EACH YEAR THEREAFTER, THE COMMISSIONER SHALL
43 SUBMIT A REPORT TO THE LEGISLATURE REGARDING, AMONG OTHER THINGS, THE
44 USE OF ULTRA LOW SULFUR DIESEL FUEL AND THE USE OF THE BEST AVAILABLE
45 RETROFIT TECHNOLOGY BY DIESEL FUEL-POWERED MOTOR VEHICLES OWNED OR OPER-
46 ATED BY CITY AGENCIES DURING THE IMMEDIATELY PRECEDING CALENDAR YEAR.
47 THE INFORMATION CONTAINED IN THE REPORT REQUIRED BY THIS SUBDIVISION
48 SHALL INCLUDE, BUT NOT BE LIMITED TO, FOR EACH CITY AGENCY:

49 (I) THE TOTAL NUMBER OF DIESEL FUEL-POWERED MOTOR VEHICLES OWNED OR
50 OPERATED BY SUCH AGENCY;

51 (II) THE NUMBER OF SUCH MOTOR VEHICLES THAT WERE POWERED BY ULTRA LOW
52 SULFUR DIESEL FUEL;

53 (III) THE TOTAL NUMBER OF DIESEL FUEL-POWERED MOTOR VEHICLES OWNED OR
54 OPERATED BY SUCH AGENCY HAVING A GROSS VEHICLE WEIGHT RATING OF MORE
55 THAN EIGHTY-FIVE HUNDRED POUNDS;

1 (IV) THE NUMBER OF SUCH MOTOR VEHICLES THAT UTILIZED THE BEST AVAIL-
2 ABLE RETROFIT TECHNOLOGY, INCLUDING A BREAKDOWN BY MOTOR VEHICLE MODEL,
3 ENGINE YEAR AND THE TYPE OF TECHNOLOGY USED FOR EACH VEHICLE;

4 (V) THE NUMBER OF SUCH MOTOR VEHICLES THAT ARE EQUIPPED WITH AN ENGINE
5 CERTIFIED TO THE APPLICABLE TWO THOUSAND SEVEN EPA STANDARD FOR PARTICU-
6 LATE MATTER AS SET FORTH IN SECTION 86.007-11 OF TITLE 40 OF THE CODE OF
7 FEDERAL REGULATIONS OR TO ANY SUBSEQUENT EPA STANDARD FOR PARTICULATE
8 MATTER THAT IS AT LEAST AS STRINGENT;

9 (VI) THE NUMBER OF SUCH MOTOR VEHICLES THAT UTILIZED TECHNOLOGY IN
10 ACCORDANCE WITH PARAGRAPH B OF SUBDIVISION THREE OF THIS SECTION AND THE
11 RESULTS AND ANALYSES REGARDING THE TESTING OF SUCH TECHNOLOGY; AND

12 (VII) ALL WAIVERS, FINDINGS, AND RENEWALS OF SUCH FINDINGS, ISSUED
13 PURSUANT TO SUBDIVISION SIX OF THIS SECTION, WHICH, FOR EACH WAIVER,
14 SHALL INCLUDE, BUT NOT BE LIMITED TO, THE QUANTITY OF DIESEL FUEL NEEDED
15 TO POWER DIESEL FUEL-POWERED MOTOR VEHICLES OWNED OR OPERATED BY SUCH
16 AGENCY; SPECIFIC INFORMATION CONCERNING THE AVAILABILITY OF ULTRA LOW
17 SULFUR DIESEL FUEL OR DIESEL FUEL THAT HAS A SULFUR CONTENT OF NO MORE
18 THAN THIRTY PARTS PER MILLION WHERE A DETERMINATION IS IN EFFECT PURSU-
19 ANT TO SUBDIVISION FIVE OF THIS SECTION; AND DETAILED INFORMATION
20 CONCERNING THE AGENCY'S EFFORTS TO OBTAIN ULTRA LOW SULFUR DIESEL FUEL
21 OR DIESEL FUEL THAT HAS A SULFUR CONTENT OF NO MORE THAN THIRTY PARTS
22 PER MILLION WHERE A DETERMINATION IS IN EFFECT PURSUANT TO SUBDIVISION
23 FIVE OF THIS SECTION.

24 B. WHERE A DETERMINATION IS IN EFFECT PURSUANT TO SUBDIVISION FIVE OF
25 THIS SECTION, INFORMATION REGARDING DIESEL FUEL THAT HAS A SULFUR
26 CONTENT OF NO MORE THAN THIRTY PARTS PER MILLION SHALL BE REPORTED WHER-
27 EVER INFORMATION IS REQUESTED FOR ULTRA LOW SULFUR DIESEL FUEL PURSUANT
28 TO PARAGRAPH A OF THIS SUBDIVISION.

29 C. THE REPORT DUE JANUARY FIRST, TWO THOUSAND FOURTEEN, IN ACCORDANCE
30 WITH PARAGRAPH A OF THIS SUBDIVISION SHALL ONLY INCLUDE THE INFORMATION
31 REQUIRED PURSUANT TO SUBPARAGRAPHS (I), (II) AND (VII) OF SUCH PARA-
32 GRAPH.

33 8. THIS SECTION SHALL NOT APPLY:

34 A. WHERE FEDERAL OR STATE FUNDING PRECLUDES A CITY FROM IMPOSING THE
35 REQUIREMENTS OF THIS SECTION; OR

36 B. TO PURCHASES THAT ARE EMERGENCY PROCUREMENTS PURSUANT TO LOCAL LAW.

37 9. IF ANY SUBDIVISION, PARAGRAPH, CLAUSE, PHRASE OR OTHER PORTION OF
38 THIS SECTION IS, FOR ANY REASON, DECLARED UNCONSTITUTIONAL OR INVALID,
39 IN WHOLE OR IN PART, BY ANY COURT OF COMPETENT JURISDICTION SUCH PORTION
40 SHALL BE DEEMED SEVERABLE, AND SUCH UNCONSTITUTIONALITY OR INVALIDITY
41 SHALL NOT AFFECT THE VALIDITY OF THE REMAINING PORTIONS OF THIS SECTION,
42 WHICH REMAINING PORTIONS SHALL CONTINUE IN FULL FORCE AND EFFECT.

43 S 2. This act shall take effect on the one hundred eightieth day after
44 it shall have become a law. Effective immediately the commissioner of
45 environmental conservation is authorized to add, amend, and/or repeal
46 any rule or regulation necessary for the implementation of this act on
47 its effective date.