

1526--A

2009-2010 Regular Sessions

I N S E N A T E

February 2, 2009

Introduced by Sens. MORAHAN, FLANAGAN, FUSCHILLO, HANNON, LAVALLE, PADAVAN, SERRANO -- 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 greenhouse gas emissions

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

1 Section 1. Legislative findings. The Intergovernmental Panel on
2 Climate Change, awarded the 2007 Nobel Peace Prize, determined that
3 burning coal, oil and gas has led to higher temperatures that are
4 already impacting physical and biological systems. The panel also
5 projected global temperatures would rise more rapidly if greenhouse
6 gases are not abated. The panel concluded that reducing emissions 80
7 percent below current emissions by mid-century would prevent the worst
8 impacts of climate change.
9 The impact of such climate change poses a serious threat to the
10 economic well-being, public health, natural resources and environment of
11 New York. The potential adverse impacts of climate change include the
12 exacerbation of air quality problems, a reduction in the quality and
13 supply of water to the state, a rise in sea levels which could poten-
14 tially impact coastal businesses, residents and infrastructure, damage
15 to marine ecosystems and the natural environment, and an increase in the
16 incidences of infectious diseases, asthma, and other human health-relat-
17 ed problems.
18 National and international actions are necessary to fully address the
19 threat of climate change. Action taken by New York and other states to
20 reduce emissions of greenhouse gases will have far-reaching effects by
21 encouraging the federal government, and other countries to act including

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

LBD01893-02-9

encouraging the development of sustainable, non-polluting technologies such as solar, wind, geothermal and ocean currents.

S 2. Article 19 of the environmental conservation law is amended by adding a new title 13 to read as follows:

TITLE 13

GREENHOUSE GAS POLLUTION CONTROL

SECTION 19-1301. SHORT TITLE.

19-1303. DEFINITIONS.

19-1305. GREENHOUSE GAS REPORTING.

19-1307. GREENHOUSE GAS LIMITS.

S 19-1301. SHORT TITLE.

THIS TITLE MAY BE CITED AS THE "GREENHOUSE GAS POLLUTION CONTROL ACT".

S 19-1303. DEFINITIONS.

WHEN USED IN THIS TITLE:

1. "GREENHOUSE GAS" MEANS CARBON DIOXIDE, METHANE, NITROUS OXIDE, HYDROFLUOROCARBONS, PERFLUOROCARBONS, SULFUR HEXAFLUORIDE, AND ANY OTHER GAS DETERMINED BY THE DEPARTMENT TO BE A SIGNIFICANT CONTRIBUTOR TO CLIMATE CHANGE.

2. "GREENHOUSE GAS EMISSION SOURCE" MEANS ANY SOURCE OR CATEGORY OF SOURCES OF GREENHOUSE GAS EMISSIONS AND SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS:

(A) ASSOCIATED WITH FOSSIL FUELS USED IN THE STATE BY ENTITIES THAT ARE MANUFACTURERS AND DISTRIBUTORS OF FOSSIL FUELS, INCLUDING, BUT NOT LIMITED TO, OIL REFINERIES, OIL STORAGE FACILITIES, AND NATURAL GAS PIPELINES;

(B) FROM ANY UTILITY GENERATING OR DELIVERING ELECTRICITY CONSUMED IN THE STATE, WHETHER THE ELECTRICITY IS GENERATED IN THE STATE, OR GENERATED OUTSIDE THE STATE AND IMPORTED INTO THE STATE, AND ACCOUNTING FOR TRANSMISSION AND DISTRIBUTION LINE LOSSES; AND

(C) FROM ANY ADDITIONAL ENTITIES THAT ARE EMITTERS OF GREENHOUSE GASES, AS DETERMINED BY THE DEPARTMENT, AND APPROPRIATE TO ENABLE THE DEPARTMENT TO MONITOR COMPLIANCE WITH THE EMISSIONS LIMITS FOR GREENHOUSE GASES ESTABLISHED PURSUANT TO THIS TITLE.

S 19-1305. GREENHOUSE GAS REPORTING.

1. NO LATER THAN MAY 1, 2010, THE DEPARTMENT SHALL PROMULGATE RULES AND REGULATIONS REQUIRING ANNUAL GREENHOUSE GAS EMISSIONS REPORTING FROM GREENHOUSE GAS EMISSION SOURCES. THE REGULATIONS SHALL:

(A) INCLUDE GREENHOUSE GAS EMISSIONS FROM ALL GREENHOUSE GAS EMISSION SOURCES EXPRESSED IN TONS OF CARBON DIOXIDE EQUIVALENTS;

(B) ENSURE RIGOROUS AND CONSISTENT ACCOUNTING OF EMISSIONS, AND PROVIDE REPORTING TOOLS AND FORMATS TO ENSURE COLLECTION OF NECESSARY DATA; AND

(C) ENSURE THAT EACH GREENHOUSE GAS EMISSION SOURCE MAINTAINS COMPREHENSIVE EMISSIONS RECORDS OF ANY GREENHOUSE GAS REPORTED FOR AT LEAST FIVE YEARS.

2. THE DEPARTMENT SHALL:

(A) PERIODICALLY REVIEW AND UPDATE ITS EMISSION REPORTING REQUIREMENTS AT LEAST EVERY FIVE YEARS; AND

(B) MAKE REASONABLE EFFORTS TO MAKE ITS REPORTING REGULATIONS CONSISTENT WITH INTERNATIONAL, FEDERAL AND OTHER STATES' GREENHOUSE GAS EMISSION REPORTING PROGRAMS.

3. NO LATER THAN JANUARY 1, 2012, AND EVERY THREE YEARS THEREAFTER, THE DEPARTMENT SHALL ISSUE A REPORT ON:

1 (A) THE ANNUAL GREENHOUSE GAS EMISSIONS FROM ALL GREENHOUSE GAS EMIS-
2 SION SOURCES, INCLUDING THE RELATIVE CONTRIBUTION OF EACH GREENHOUSE GAS
3 EMISSION SOURCE TO STATEWIDE GREENHOUSE GAS EMISSIONS; AND

4 (B) THE PROGRESS MADE BY THE DEPARTMENT IN ACHIEVING THE REQUIREMENTS
5 OF SECTION 19-1307 OF THIS TITLE.

6 S 19-1307. GREENHOUSE GAS LIMITS.

7 1. NO LATER THAN JANUARY 1, 2015, THE DEPARTMENT, AFTER A PUBLIC HEAR-
8 ING, SHALL PROMULGATE RULES AND REGULATIONS SETTING AN ENFORCEABLE LIMIT
9 ON THE AGGREGATE LEVEL OF GREENHOUSE GAS EMISSIONS FROM ALL GREENHOUSE
10 GAS EMISSION SOURCES PROVIDED; HOWEVER, THE AGGREGATE LIMIT SHALL NOT BE
11 GREATER THAN THE AGGREGATE LEVEL OF GREENHOUSE GAS EMISSIONS FOR CALEN-
12 DAR YEAR 2005.

13 2. (A) ON JANUARY 1, 2020 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
14 THIS SECTION SHALL BE REDUCED BY 20 PERCENT.

15 (B) ON JANUARY 1, 2025 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
16 THIS SECTION SHALL BE REDUCED BY 30 PERCENT.

17 (C) ON JANUARY 1, 2030 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
18 THIS SECTION SHALL BE REDUCED BY 40 PERCENT.

19 (D) ON JANUARY 1, 2035 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
20 THIS SECTION SHALL BE REDUCED BY 50 PERCENT.

21 (E) ON JANUARY 1, 2040 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
22 THIS SECTION SHALL BE REDUCED BY 60 PERCENT.

23 (F) ON JANUARY 1, 2045 THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
24 THIS SECTION SHALL BE REDUCED BY 70 PERCENT.

25 (G) ON JANUARY 1, 2050, AND EACH YEAR THEREAFTER, THE LIMIT SHALL
26 REMAIN AT 80 PERCENT BELOW THE LIMIT ESTABLISHED IN SUBDIVISION ONE OF
27 THIS SECTION.

28 3. ANY RULE OR REGULATION THE COMMISSIONER ADOPTS TO COMPLY WITH THIS
29 SECTION MUST:

30 (A) NOT PLACE OR INCREASE AN ADDITIONAL ENVIRONMENTAL OR HEALTH BURDEN
31 ON A COMMUNITY THAT HAS A SIGNIFICANT LEVEL OF REGULATED AIR CONTAM-
32 INANT SOURCE EMISSIONS WITHIN THE COMMUNITY AS COMPARED WITH THE COUNTY
33 AVERAGE; AND

34 (B) BE COMPATIBLE WITH OTHER EMISSIONS REDUCTIONS PROGRAMS.

35 (C) INCLUDE A PLAN TO THE EXTENT PRACTICABLE TO ADDRESS ADAPTATION TO
36 CLIMATE CHANGE INCLUDING BUT NOT LIMITED TO TERRESTRIAL AND AQUATIC
37 HABITATS, PLANTS AND ANIMAL SPECIES, CONNECTIVITY OF HABITATS, AND
38 ECOSYSTEM SERVICES PROVIDED BY NATURAL RESOURCES INCLUDING BUT NOT
39 LIMITED TO FLOOD CONTROL AND DRINKING WATER SUPPLY.

40 S 3. This act shall take effect immediately.