

SENATE BILL 414

M3, M5

11r0877
CF HB 583

By: **Senators Pinsky, Augustine, Kelley, Hettleman, Ellis, Smith, Zucker, Kagan, Patterson, Young, Hester, Feldman, Kramer, Lee, Rosapepe, Elfreth, Guzzone, Waldstreicher, Washington, Beidle, and Lam**

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Assigned to: Education, Health, and Environmental Affairs and Budget and Taxation

Committee Report: Favorable with amendments

Senate action: Adopted with floor amendments

Read second time: February 22, 2021

CHAPTER _____

1 AN ACT concerning

2 **Climate Solutions Now Act of 2021**

3 FOR the purpose of requiring the State to reduce statewide greenhouse gas emissions by a
4 certain percentage from certain levels by a certain year; requiring the State to
5 achieve net-zero statewide greenhouse gas emissions by a certain year; providing
6 that certain net-zero energy requirements do not apply to certain public school
7 buildings, subject to certain exceptions; requiring certain schools to be constructed
8 to meet certain net-zero energy requirements subject to the availability of certain
9 funding; requiring a certain school system to provide a certain notice to the
10 Interagency Commission on School Construction; requiring certain schools to be
11 solar-ready; requiring the State to make available a certain loan to cover certain
12 costs incurred in constructing a new school to meet certain net-zero energy
13 requirements, subject to the availability of certain funding; requiring the
14 Commission on Environmental Justice and Sustainable Communities to recommend
15 a certain methodology, develop certain recommendations, set certain goals, and
16 make a certain report on or before a certain date; requiring the Commission on
17 Environmental Justice and Sustainable Communities to consider certain factors in
18 evaluating certain methodologies; requiring the Commission on Environmental
19 Justice and Sustainable Communities to hold certain meetings and solicit certain
20 input in carrying out its responsibilities under this Act; authorizing certain meetings
21 to be held using teleconference or Internet-based conferencing technology under
22 certain circumstances; requiring the Department of the Environment to require a
23 certain landfill operator to take certain actions if certain methane emissions data

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.



1 acquired from aircraft observations exceeds certain ground-level emissions data;
2 requiring the Department of the Environment to publicly disclose certain data and
3 discrepancies on the Department of the Environment's website; requiring the
4 Department of the Environment to submit certain plans to the Governor and the
5 General Assembly on or before certain dates; requiring the Department of the
6 Environment to adopt a certain final plan on or before a certain date; requiring the
7 Department of the Environment to review and, as necessary, revise a certain plan
8 on or before a certain date; establishing certain requirements for a certain final plan;
9 requiring the Department of the Environment, in developing and implementing
10 certain plans, to ensure that certain greenhouse gas emissions reduction measures
11 incorporate certain methane emissions data and use certain best available scientific
12 data; specifying that certain economic benefits should be compared with a no-action
13 scenario and requiring a certain economic benefit analysis to include the social cost
14 of carbon, in accordance with certain requirements; specifying that certain
15 greenhouse gas emissions reduction measures should encourage certain employment
16 opportunities particularly in certain areas of the State; requiring the Maryland
17 Commission on Climate Change to establish a Just Transition and Employment
18 Retraining Working Group; providing for the composition, chair, and staffing of the
19 Working Group; prohibiting a member of the Working Group from receiving certain
20 compensation, but authorizing the reimbursement of certain expenses; requiring the
21 Working Group to study, identify, and advise on certain matters; requiring the
22 Working Group to report its findings to the General Assembly on or before a certain
23 date; requiring certain reports of the Maryland Commission on Climate Change to
24 include a certain analysis in certain years; requiring the Maryland Department of
25 Labor to adopt regulations establishing certain energy conservation requirements
26 for certain buildings on or before a certain date; specifying the energy use reductions
27 that certain regulations must require certain buildings to achieve; establishing
28 certain exceptions to certain energy conservation requirements; requiring the
29 Maryland Department of Labor to adopt regulations requiring certain buildings to
30 be solar-ready on or before a certain date; allowing certain regulations to authorize
31 a local jurisdiction to waive certain solar-ready requirements under certain
32 circumstances; authorizing a local jurisdiction to adopt certain energy conservation
33 and solar energy requirements that are more stringent than certain requirements
34 established by the Maryland Department of Labor; requiring certain buildings to be
35 renovated to achieve certain energy use reductions under certain circumstances;
36 authorizing a local jurisdiction to waive certain renovation requirements under
37 certain circumstances; requiring the Maryland Department of Labor to adopt certain
38 regulations relating to building renovations on or before a certain date; requiring the
39 Maryland Department of Labor to adopt regulations directing local jurisdictions to
40 require certain energy life cycle cost estimates for certain buildings on or before a
41 certain date; establishing a certain exemption from certain life cycle analysis
42 requirements; requiring certain regulations to require certain energy models to
43 evaluate life cycle costs for certain options; requiring the consideration of certain
44 costs when calculating certain life cycle costs; requiring certain life cycle cost
45 estimates to be made available to the Maryland Department of Labor and taken into
46 consideration when the State revises the Maryland Building Performance Standards
47 or the Energy Code; requiring the Public Service Commission to require each electric

1 company to procure or provide certain energy efficiency and conservation programs
2 and services to its electricity customers on a certain savings trajectory for the
3 duration of certain program cycles; altering the definition of “high performance
4 building” for purposes of certain provisions of law; applying certain requirements
5 regarding high performance buildings to capital projects for which at least a certain
6 percentage of the project costs are funded with State funds; repealing a requirement
7 that the Maryland Green Building Council develop certain guidelines for new public
8 school buildings; requiring the Maryland Green Building Council to ensure that
9 certain buildings, schools, and community colleges meet certain high performance
10 building requirements and to develop guidelines for evaluating the energy balance
11 and achieving a certain energy balance in certain buildings; establishing the intent
12 of the General Assembly that a certain percentage of ~~light-duty vehicles~~ passenger
13 cars in the State vehicle fleet be zero-emission vehicles by a certain year; requiring
14 the State to ensure that a certain minimum percentage of ~~light-duty vehicles~~
15 passenger cars purchased for the State vehicle fleet in certain fiscal years are
16 zero-emission vehicles, subject to the availability of funding; requiring the
17 Department of General Services to ensure the development of certain charging
18 infrastructure; requiring the Chief Procurement Officer to submit a certain report to
19 the General Assembly on or before a certain date each year; requiring certain units
20 to cooperate with the Chief Procurement Officer in the collection and reporting of
21 certain information; establishing the Net-Zero School Loan Fund as a special,
22 nonlapsing fund; specifying the purpose of the Net-Zero School Loan Fund; requiring
23 the Maryland Energy Administration to administer the Net-Zero School Loan Fund;
24 requiring the State Treasurer to hold the Net-Zero School Loan Fund and the
25 Comptroller to account for the Net-Zero School Loan Fund; specifying the contents
26 of the Net-Zero School Loan Fund; specifying the purpose for which the Net-Zero
27 School Loan Fund may be used; providing for the investment of money in and
28 expenditures from the Net-Zero School Loan Fund; requiring interest earnings of
29 the Net-Zero School Loan Fund to be credited to the Net-Zero School Loan Fund;
30 exempting the Net-Zero School Loan Fund from a certain provision of law requiring
31 interest earnings on State money to accrue to the General Fund of the State;
32 requiring a certain amount of certain proceeds received by the Maryland Strategic
33 Energy Investment Fund to be allocated to the Maryland Healthy Soils Program in
34 certain fiscal years; requiring a certain amount of certain proceeds received by the
35 Maryland Strategic Energy Investment Fund to be credited to a climate solutions
36 account to be used for certain purposes in certain fiscal years, under certain
37 circumstances; limiting the amount of money that may be deposited to the climate
38 solutions account; requiring the Maryland Energy Administration to prioritize the
39 allocation of certain funds in a certain order under certain circumstances; prohibiting
40 the ~~Motor Vehicle~~ Maryland Transit Administration from entering into a contract to
41 purchase buses for the Administration’s State transit bus fleet that are not
42 zero-emission buses beginning in a certain fiscal year, subject to a certain exception;
43 requiring the full cost of certain zero-emission and alternative-fuel buses to be paid
44 from the Transportation Trust Fund; requiring the Maryland Transit
45 Administration to ensure the development of certain charging infrastructure;
46 requiring the ~~Motor Vehicle~~ Maryland Transit Administration to make a certain
47 annual report to certain committees of the General Assembly on or before a certain

1 date; specifying the contents of a certain report; exempting certain personal property
2 that is part of a certain community solar energy generating system from county or
3 municipal corporation property tax under certain circumstances; requiring a certain
4 landowner who enrolls in the Conservation Reserve Enhancement Program in
5 certain fiscal years to receive a certain signing bonus; requiring certain signing
6 bonuses to be funded in a certain manner; establishing the policy of the State to
7 support and encourage certain tree-planting efforts, with a goal of planting and
8 helping to maintain in the State a certain number of sustainable trees of species
9 native to the State by the end of a certain year; specifying that this goal is in addition
10 to certain trees projected to be planted under certain programs and includes certain
11 tree plantings accomplished through certain State programs and private efforts;
12 establishing the intent of the General Assembly that a certain minimum number of
13 trees should be planted in certain underserved areas; making the Department of the
14 Environment responsible for tracking the State's progress toward meeting certain
15 tree-planting goals and requiring the Department of the Environment to serve as
16 the lead agency to receive certain data; establishing a 5 Million Tree Program
17 Coordinator within the Department of the Environment; establishing the
18 responsibilities of the Program Coordinator and requiring the Program Coordinator
19 to consolidate certain data and make a certain report to certain committees of the
20 General Assembly on or before a certain date each year; requiring the Governor to
21 formally pledge the State's commitment to achieving certain tree-planting goals
22 through the U.S. Chapter of the World Economic Forum's One Trillion Trees
23 Initiative; requiring a certain amount from the Chesapeake and Atlantic Coastal
24 Bays 2010 Trust Fund to be used for certain purposes in certain fiscal years;
25 requiring the BayStat Subcabinet agencies to distribute certain funds through
26 grants to the Green Shores Program; establishing an Urban Trees Program
27 administered by the Chesapeake Bay Trust; providing for the purpose of the Urban
28 Trees Program; requiring the Trust to make grants to qualified organizations for
29 certain purposes; specifying certain eligible Program expenses for the Urban Trees
30 Program; providing for the funding of the Urban Trees Program; requiring the Trust
31 to seek certain funds, grants, and donations for the purpose of the Urban Trees
32 Program; requiring a certain grant agreement to specify the allowed uses of certain
33 funds and include provisions for the verification of certain information; requiring the
34 Trust to report certain information concerning certain grant awards to the
35 Department of Natural Resources and the Department of the Environment on or
36 before a certain date each year; requiring the Department of the Environment to
37 make certain transfers from the Bay Restoration Fund for certain purposes in certain
38 fiscal years, after funding certain eligible costs; establishing certain authorizations
39 and restrictions regarding the distribution and use of certain funds transferred to
40 the Chesapeake and Atlantic Coastal Bays 2010 Trust Fund; providing that certain
41 funds transferred from the Bay Restoration Fund are supplemental to and may not
42 take the place of certain other funding; establishing the Commission for the
43 Innovation and Advancement of Carbon Markets and Sustainable Tree Plantings;
44 providing for the composition, chair, and staffing of the Commission for the
45 Innovation and Advancement of Carbon Markets and Sustainable Tree Plantings;
46 prohibiting a member of the Commission for the Innovation and Advancement of
47 Carbon Markets and Sustainable Tree Plantings from receiving certain

1 compensation, but authorizing the reimbursement of certain expenses; requiring the
2 Commission for the Innovation and Advancement of Carbon Markets and
3 Sustainable Tree Plantings to study and make recommendations regarding certain
4 matters; requiring the Commission for the Innovation and Advancement of Carbon
5 Markets and Sustainable Tree Plantings to report its findings and recommendations
6 to the Governor and the General Assembly on or before a certain date; requiring the
7 Governor to appropriate a certain amount per fiscal year from the climate solutions
8 account of the Strategic Energy Investment Fund to the Net-Zero School Loan Fund
9 in certain fiscal years, subject to the availability of funding in the climate solutions
10 account; defining certain terms; altering certain definitions; providing for the
11 application of certain provisions of this Act; providing for the effective date of certain
12 provisions of this Act; providing for the termination of certain provisions of this Act;
13 making certain provisions of this Act subject to a certain contingency; and generally
14 relating to climate change and measures to combat climate change.

15 BY renumbering

16 Article – Environment

17 Section 2–1204.2

18 to be Section 2–1204.3

19 Annotated Code of Maryland

20 (2013 Replacement Volume and 2020 Supplement)

21 BY repealing and reenacting, with amendments,

22 Article – Education

23 Section 5–312

24 Annotated Code of Maryland

25 (2018 Replacement Volume and 2020 Supplement)

26 BY repealing and reenacting, with amendments,

27 Article – Environment

28 Section 1–701(a) and (h), 2–1201(4), 2–1204.1, 2–1205, 2–1206, 2–1210, 2–1303(a),
29 and 2–1304

30 Annotated Code of Maryland

31 (2013 Replacement Volume and 2020 Supplement)

32 BY repealing and reenacting, without amendments,

33 Article – Environment

34 Section 1–701(b) and (c)

35 Annotated Code of Maryland

36 (2013 Replacement Volume and 2020 Supplement)

37 BY adding to

38 Article – Environment

39 Section 1–702, 2–407, 2–1204.2, 2–1212, and 2–1303.1

40 Annotated Code of Maryland

41 (2013 Replacement Volume and 2020 Supplement)

- 1 BY repealing and reenacting, without amendments,
2 Article – Public Safety
3 Section 12–501
4 Annotated Code of Maryland
5 (2018 Replacement Volume and 2020 Supplement)
- 6 BY adding to
7 Article – Public Safety
8 Section 12–511 through 12–513
9 Annotated Code of Maryland
10 (2018 Replacement Volume and 2020 Supplement)
- 11 BY repealing and reenacting, with amendments,
12 Article – Public Utilities
13 Section 7–211(g)
14 Annotated Code of Maryland
15 (2020 Replacement Volume and 2020 Supplement)
- 16 BY repealing and reenacting, with amendments,
17 Article – State Finance and Procurement
18 Section 3–602.1, 4–809(f), and 6–226(a)(2)(ii)122. and 123.
19 Annotated Code of Maryland
20 (2015 Replacement Volume and 2020 Supplement)
- 21 BY repealing and reenacting, without amendments,
22 Article – State Finance and Procurement
23 Section 6–226(a)(2)(i)
24 Annotated Code of Maryland
25 (2015 Replacement Volume and 2020 Supplement)
- 26 BY adding to
27 Article – State Finance and Procurement
28 Section 6–226(a)(2)(ii)124. and 14–417
29 Annotated Code of Maryland
30 (2015 Replacement Volume and 2020 Supplement)
- 31 BY adding to
32 Article – State Government
33 Section 9–2010
34 Annotated Code of Maryland
35 (2014 Replacement Volume and 2020 Supplement)
- 36 BY repealing and reenacting, without amendments,
37 Article – State Government
38 Section 9–20B–05(a)
39 Annotated Code of Maryland
40 (2014 Replacement Volume and 2020 Supplement)

- 1 BY repealing and reenacting, with amendments,
2 Article – State Government
3 Section 9–20B–05(g)
4 Annotated Code of Maryland
5 (2014 Replacement Volume and 2020 Supplement)
- 6 BY adding to
7 Article – Transportation
8 Section 7–406
9 Annotated Code of Maryland
10 (2020 Replacement Volume)
- 11 BY repealing and reenacting, with amendments,
12 Article – Tax – Property
13 Section 7–237
14 Annotated Code of Maryland
15 (2019 Replacement Volume and 2020 Supplement)
- 16 BY adding to
17 Article – Agriculture
18 Section 8–706
19 Annotated Code of Maryland
20 (2016 Replacement Volume and 2020 Supplement)
- 21 BY repealing and reenacting, without amendments,
22 Article – Natural Resources
23 Section 8–2A–02(a), 8–2A–04(a), and 8–1901
24 Annotated Code of Maryland
25 (2012 Replacement Volume and 2020 Supplement)
- 26 BY repealing and reenacting, with amendments,
27 Article – Natural Resources
28 Section 8–2A–02(f) and 8–2A–04(c)
29 Annotated Code of Maryland
30 (2012 Replacement Volume and 2020 Supplement)
- 31 BY adding to
32 Article – Natural Resources
33 Section 8–1911
34 Annotated Code of Maryland
35 (2012 Replacement Volume and 2020 Supplement)
- 36 BY repealing and reenacting, without amendments,
37 Article – Environment
38 Section 9–1605.2(i)(1)
39 Annotated Code of Maryland

1 (2014 Replacement Volume and 2020 Supplement)

2 BY repealing and reenacting, with amendments,
3 Article – Environment
4 Section 9–1605.2(i)(2)(xii) and (xiii)
5 Annotated Code of Maryland
6 (2014 Replacement Volume and 2020 Supplement)

7 BY adding to
8 Article – Environment
9 Section 9–1605.2(i)(2)(xiv) and (11)
10 Annotated Code of Maryland
11 (2014 Replacement Volume and 2020 Supplement)

12 BY repealing and reenacting, without amendments,
13 Article – Environment
14 Section 9–1605.2(i)(1)
15 Annotated Code of Maryland
16 (2014 Replacement Volume and 2020 Supplement)
17 (As enacted by Chapters 366 and 367 of the Acts of the General Assembly of 2017)

18 BY repealing and reenacting, with amendments,
19 Article – Environment
20 Section 9–1605.2(i)(2)(xi) and (xii)
21 Annotated Code of Maryland
22 (2014 Replacement Volume and 2020 Supplement)
23 (As enacted by Chapters 366 and 367 of the Acts of the General Assembly of 2017)

24 BY adding to
25 Article – Environment
26 Section 9–1605.2(i)(2)(xiii) and (10)
27 Annotated Code of Maryland
28 (2014 Replacement Volume and 2020 Supplement)
29 (As enacted by Chapters 366 and 367 of the Acts of the General Assembly of 2017)

30 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
31 That Section(s) 2–1204.2 of Article – Environment of the Annotated Code of Maryland be
32 renumbered to be Section(s) 2–1204.3.

33 SECTION 2. AND BE IT FURTHER ENACTED, That the Laws of Maryland read
34 as follows:

35 **Article – Environment**

36 2–1204.1.

1 The State shall reduce statewide greenhouse gas emissions by [~~40%~~] **60%** from 2006
2 levels by 2030.

3 **2-1204.2.**

4 **THE STATE SHALL ACHIEVE NET-ZERO STATEWIDE GREENHOUSE GAS**
5 **EMISSIONS BY 2045.**

6 SECTION 3. AND BE IT FURTHER ENACTED, That the Laws of Maryland read
7 as follows:

8 **Article – Education**

9 5-312.

10 (a) **(1)** In this section[, “high] **THE FOLLOWING WORDS HAVE THE**
11 **MEANINGS INDICATED.**

12 **(2)** **“HIGH** performance building” has the meaning stated in §
13 3-602.1 of the State Finance and Procurement Article.

14 **(3)** **“SOLAR-READY” HAS THE MEANING STATED IN § 12-511 OF THE**
15 **PUBLIC SAFETY ARTICLE.**

16 (b) This section applies to the construction of new schools that have not initiated
17 a Request For Proposal for the selection of an architectural and engineering consultant on
18 or before July 1, 2009.

19 (c) **(1)** [~~Except~~] **SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION, AND**
20 **EXCEPT** as provided in subsection (d) of this section, a new school that receives State public
21 school construction funds shall be constructed to be a high performance building.

22 **(2) (I)** **EXCEPT AS PROVIDED IN SUBPARAGRAPHS (II) THROUGH**
23 **(IV) OF THIS PARAGRAPH, THE NET-ZERO ENERGY REQUIREMENTS THAT APPLY FOR**
24 **A BUILDING TO MEET THE DEFINITION OF A “HIGH PERFORMANCE BUILDING”**
25 **UNDER § 3-602.1 OF THE STATE FINANCE AND PROCUREMENT ARTICLE DO NOT**
26 **APPLY TO PUBLIC SCHOOL BUILDINGS.**

27 **(II)** **SUBJECT TO THE AVAILABILITY OF FUNDING FROM THE**
28 **NET-ZERO SCHOOL LOAN FUND ESTABLISHED UNDER § 9-2010 OF THE STATE**
29 **GOVERNMENT ARTICLE, AT LEAST ONE OF THE SCHOOLS CONSTRUCTED IN EACH**
30 **LOCAL SCHOOL SYSTEM FROM JULY 1, 2022, THROUGH JUNE 30, 2030, INCLUSIVE,**
31 **SHALL BE CONSTRUCTED TO MEET NET-ZERO ENERGY REQUIREMENTS.**

1 **(III) EACH LOCAL SCHOOL SYSTEM SHALL NOTIFY THE**
2 **INTERAGENCY COMMISSION REGARDING WHICH SCHOOL WILL BE CONSTRUCTED**
3 **TO MEET NET-ZERO ENERGY REQUIREMENTS.**

4 **(IV) ANY SCHOOL CONSTRUCTED ON OR AFTER JULY 1, 2022,**
5 **THAT IS NOT CONSTRUCTED TO MEET NET-ZERO ENERGY REQUIREMENTS SHALL BE**
6 **SOLAR-READY.**

7 (d) (1) The Interagency Commission shall establish a process to allow a school
8 system to obtain a waiver from complying with subsection (c) of this section.

9 (2) The waiver process shall:

10 (i) Include a review by the Interagency Commission to determine if
11 the construction of a high performance building is not practicable; and

12 (ii) Require the approval of a waiver by the Interagency Commission.

13 (e) **(1)** For fiscal years 2010 through 2014 only, the State shall pay 50% of the
14 local share of the extra costs, identified and approved by the Interagency Commission, that
15 are incurred in constructing a new school to meet the high performance building
16 requirements of this section.

17 **(2) SUBJECT TO THE AVAILABILITY OF FUNDING IN THE NET-ZERO**
18 **SCHOOL LOAN FUND ESTABLISHED UNDER § 9-2010 OF THE STATE GOVERNMENT**
19 **ARTICLE, THE STATE SHALL MAKE AVAILABLE A NO-INTEREST LOAN TO COVER THE**
20 **LOCAL SHARE OF THE EXTRA COSTS, IDENTIFIED AND APPROVED BY THE**
21 **INTERAGENCY COMMISSION, THAT ARE INCURRED IN CONSTRUCTING A NEW**
22 **SCHOOL TO MEET NET-ZERO ENERGY REQUIREMENTS.**

23 (f) The Interagency Commission shall adopt regulations to implement the
24 requirements of this section.

25 **Article – Environment**

26 1-701.

27 (a) **(1)** In this [section, “environmental] **SUBTITLE THE FOLLOWING WORDS**
28 **HAVE THE MEANINGS INDICATED.**

29 **(2) “COMMISSION” MEANS THE COMMISSION ON ENVIRONMENTAL**
30 **JUSTICE AND SUSTAINABLE COMMUNITIES.**

1 **(3)** “ENVIRONMENTAL justice” means equal protection from
2 environmental and public health hazards for all people regardless of race, income, culture,
3 and social status.

4 (b) There is a Commission on Environmental Justice and Sustainable
5 Communities.

6 (c) (1) The Commission consists of the following 20 members:

7 (i) One member of the Senate of Maryland, appointed by the
8 President of the Senate;

9 (ii) One member of the House of Delegates, appointed by the Speaker
10 of the House;

11 (iii) The Secretary, or the Secretary’s designee;

12 (iv) The Secretary of Health, or the Secretary’s designee;

13 (v) The Secretary of Planning, or the Secretary’s designee;

14 (vi) The Secretary of Commerce, or the Secretary’s designee;

15 (vii) The Secretary of Housing and Community Development, or the
16 Secretary’s designee;

17 (viii) The Secretary of Transportation, or the Secretary’s designee; and

18 (ix) Twelve members appointed by the Governor who represent the
19 following interests:

20 1. Affected communities concerned with environmental
21 justice;

22 2. Business organizations;

23 3. Environmental organizations;

24 4. Health experts on environmental justice;

25 5. Local government; and

26 6. The general public with interest or expertise in
27 environmental justice.

1 (2) Of the twelve members appointed by the Governor under paragraph
2 (1)(ix) of this subsection, at least two members shall represent affected communities
3 concerned with environmental justice.

4 (h) The Commission shall:

5 (1) Advise State government agencies on environmental justice and related
6 community issues;

7 (2) Review and analyze the impact of current State laws and policies on the
8 issue of environmental justice and sustainable communities;

9 (3) Assess the adequacy of State and local government laws to address the
10 issue of environmental justice and sustainable communities;

11 (4) Coordinate with the Children's Environmental Health and Protection
12 Advisory Council on recommendations related to environmental justice and sustainable
13 communities;

14 (5) Develop criteria to assess whether communities in the State may be
15 experiencing environmental justice issues; [and]

16 (6) **IN ACCORDANCE WITH § 1-702 OF THIS SUBTITLE:**

17 (i) **RECOMMEND A METHODOLOGY FOR IDENTIFYING**
18 **COMMUNITIES DISPROPORTIONATELY AFFECTED BY CLIMATE CHANGE;**

19 (ii) **DEVELOP SPECIFIC RECOMMENDATIONS TO ADDRESS**
20 **ENVIRONMENTAL JUSTICE CONCERNS, REDUCE EMISSIONS OF GREENHOUSE GASES**
21 **AND CO-POLLUTANTS, AND BUILD CLIMATE EQUITY AND RESILIENCE WITHIN**
22 **DISPROPORTIONATELY AFFECTED COMMUNITIES; AND**

23 (iii) **SET GOALS FOR THE PERCENTAGE OF STATE FUNDING FOR**
24 **GREENHOUSE GAS EMISSION REDUCTION MEASURES THAT SHOULD BE USED FOR**
25 **THE BENEFIT OF DISPROPORTIONATELY AFFECTED COMMUNITIES; AND**

26 (7) Recommend options to the Governor for addressing issues, concerns, or
27 problems related to environmental justice that surface after reviewing State laws and
28 policies, including prioritizing areas of the State that need immediate attention.

29 **1-702.**

30 (A) **ON OR BEFORE DECEMBER 31, 2022, THE COMMISSION SHALL:**

31 (1) **SUBJECT TO SUBSECTION (B) OF THIS SECTION, AND IN**
32 **CONSULTATION WITH THE DEPARTMENT, THE MARYLAND DEPARTMENT OF**

1 HEALTH, THE MARYLAND DEPARTMENT OF LABOR, AND THE DEPARTMENT OF
2 PLANNING, RECOMMEND A METHODOLOGY FOR IDENTIFYING COMMUNITIES
3 DISPROPORTIONATELY AFFECTED BY CLIMATE CHANGE;

4 (2) DEVELOP SPECIFIC RECOMMENDATIONS TO ADDRESS
5 ENVIRONMENTAL JUSTICE CONCERNS, REDUCE EMISSIONS OF GREENHOUSE GASES
6 AND CO-POLLUTANTS, AND BUILD CLIMATE EQUITY AND RESILIENCE WITHIN
7 COMMUNITIES DISPROPORTIONATELY AFFECTED BY CLIMATE CHANGE;

8 (3) SET APPROPRIATE GOALS FOR THE PERCENTAGE OF STATE
9 FUNDING FOR GREENHOUSE GAS EMISSION REDUCTION MEASURES THAT SHOULD
10 BE USED FOR THE BENEFIT OF DISPROPORTIONATELY AFFECTED COMMUNITIES;
11 AND

12 (4) REPORT TO THE MARYLAND COMMISSION ON CLIMATE CHANGE
13 AND, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, THE
14 GENERAL ASSEMBLY ON THE CRITERIA AND RECOMMENDATIONS DEVELOPED
15 UNDER THIS SUBSECTION.

16 (B) IN EVALUATING METHODOLOGIES UNDER SUBSECTION (A)(1) OF THIS
17 SECTION, THE COMMISSION SHALL CONSIDER GEOGRAPHIC, PUBLIC HEALTH,
18 ENVIRONMENTAL HAZARD, AND SOCIOECONOMIC CRITERIA, INCLUDING:

19 (1) AREAS BURDENED BY CUMULATIVE ENVIRONMENTAL POLLUTION
20 AND OTHER HAZARDS THAT CAN LEAD TO NEGATIVE PUBLIC HEALTH EFFECTS;

21 (2) AREAS WITH HIGH CONCENTRATIONS OF:

22 (I) PEOPLE EXPERIENCING POVERTY, HIGH UNEMPLOYMENT
23 RATES, HIGH RENT BURDENS, LOW LEVELS OF HOME OWNERSHIP, OR LOW LEVELS
24 OF EDUCATIONAL ATTAINMENT; OR

25 (II) POPULATIONS THAT HAVE HISTORICALLY EXPERIENCED
26 DISCRIMINATION ON THE BASIS OF RACE OR ETHNICITY; AND

27 (3) AREAS THAT ARE VULNERABLE TO THE IMPACTS OF CLIMATE
28 CHANGE, SUCH AS FLOODING, STORM SURGES, OR URBAN HEAT ISLAND EFFECTS,
29 DUE TO LOW LEVELS OF TREE COVERAGE, HIGH LEVELS OF IMPERVIOUS SURFACES,
30 OR OTHER FACTORS.

31 (C) (1) IN CARRYING OUT ITS RESPONSIBILITIES UNDER THIS
32 SUBSECTION, THE COMMISSION SHALL:

1 **(I) SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION, HOLD**
2 **AT LEAST SIX PUBLIC HEARINGS AT LOCATIONS THROUGHOUT THE STATE,**
3 **INCLUDING THREE IN URBAN AREAS AND THREE IN RURAL AREAS; AND**

4 **(II) SOLICIT INPUT FROM ALL SEGMENTS OF THE POPULATION**
5 **THAT WILL BE IMPACTED BY THE CRITERIA DEVELOPED UNDER SUBSECTION (A) OF**
6 **THIS SECTION, INCLUDING INDIVIDUALS LIVING IN AREAS THAT MAY BE IDENTIFIED**
7 **AS DISPROPORTIONATELY AFFECTED COMMUNITIES UNDER THE PROPOSED**
8 **CRITERIA.**

9 **(2) TO PROTECT PUBLIC HEALTH AND SAFETY, THE COMMISSION**
10 **MAY HOLD A PUBLIC MEETING REQUIRED UNDER THIS SUBSECTION USING**
11 **TELECONFERENCE OR INTERNET-BASED CONFERENCING TECHNOLOGY IF AN**
12 **EMERGENCY DECLARATION IS ISSUED BY AN EXECUTIVE AUTHORITY OF:**

13 **(I) THE FEDERAL OR STATE GOVERNMENT; OR**

14 **(II) THE LOCAL GOVERNMENT WITH JURISDICTION OVER A**
15 **COUNTY OR MUNICIPALITY WHERE THE PUBLIC MEETING WOULD OTHERWISE BE**
16 **HELD.**

17 **2-407.**

18 **(A) THIS SECTION APPLIES ONLY TO A MUNICIPAL SOLID WASTE LANDFILL**
19 **THAT IS REQUIRED TO MONITOR AND REPORT METHANE EMISSIONS TO THE**
20 **DEPARTMENT.**

21 **(B) IF METHANE EMISSIONS DATA ACQUIRED FROM AIRCRAFT**
22 **OBSERVATIONS, WHERE AVAILABLE, EXCEEDS THE GROUND-LEVEL EMISSIONS**
23 **DATA REPORTED BY A MUNICIPAL SOLID WASTE LANDFILL BY MORE THAN 25%, THE**
24 **DEPARTMENT SHALL REQUIRE THE LANDFILL OPERATOR TO:**

25 **(1) INVESTIGATE THE DIFFERENCE BETWEEN THE DATA; AND**

26 **(2) REASSESS THE METHODOLOGY AND EQUIPMENT USED TO OBTAIN**
27 **THE GROUND-LEVEL DATA.**

28 **(C) THE DEPARTMENT SHALL PUBLICLY DISCLOSE ON THE DEPARTMENT'S**
29 **WEBSITE:**

30 **(1) ALL METHANE EMISSIONS DATA OBTAINED THROUGH AIRPLANE**
31 **OBSERVATIONS; AND**

1 **(2) ANY DISCREPANCIES BETWEEN METHANE EMISSIONS DATA**
2 **OBTAINED THROUGH AIRCRAFT OBSERVATIONS AND GROUND-LEVEL METHANE**
3 **EMISSIONS DATA REPORTED BY MUNICIPAL SOLID WASTE LANDFILLS.**

4 2–1201.

5 The General Assembly finds that:

6 (4) The State has the ingenuity to reduce the threat of global warming and
7 make greenhouse gas reductions a part of the State’s future by achieving a 25% reduction
8 in greenhouse gas emissions from 2006 levels by 2020 and by preparing a plan to meet a
9 longer-term goal of [reducing greenhouse gas emissions by up to 90% from 2006 levels by
10 2050] **ACHIEVING NET-ZERO STATEWIDE GREENHOUSE GAS EMISSIONS BY 2045** in a
11 manner that promotes new “green” jobs, and protects existing jobs and the State’s economic
12 well-being;

13 2–1205.

14 (a) The State shall develop plans, adopt regulations, and implement programs
15 that reduce statewide greenhouse gas emissions in accordance with this subtitle.

16 (b) On or before [December 31, 2018] **JUNE 30, 2022**, the Department shall:

17 (1) Submit a proposed plan that reduces statewide greenhouse gas
18 emissions by [40%] **60%** from 2006 levels by 2030 to the Governor and General Assembly;

19 (2) Make the proposed plan available to the public; and

20 (3) Convene a series of public workshops to provide interested parties with
21 an opportunity to comment on the proposed plan.

22 (c) (1) The Department shall, on or before December 31, 2012, adopt a final
23 plan that reduces statewide greenhouse gas emissions by 25% from 2006 levels by 2020.

24 (2) The Department shall, on or before December 31, [2019] **2022**, adopt a
25 final plan that [reduces]:

26 **(I) REDUCES** statewide greenhouse gas emissions by [40%] **60%**
27 from 2006 levels by 2030; **AND**

28 **(II) SETS THE STATE ON A PATH TOWARD ACHIEVING NET-ZERO**
29 **STATEWIDE GREENHOUSE GAS EMISSIONS BY 2045.**

30 (3) [The plans shall be developed in recognition of the finding by the
31 Intergovernmental Panel on Climate Change that developed countries will need to reduce

1 greenhouse gas emissions by between 80% and 95% from 1990 levels by 2050] **THE**
 2 **DEPARTMENT SHALL:**

3 **(I) ON OR BEFORE DECEMBER 31, 2030, ADOPT A FINAL PLAN**
 4 **THAT ACHIEVES NET-ZERO STATEWIDE GREENHOUSE GAS EMISSIONS BY 2045; AND**

5 **(II) ON OR BEFORE DECEMBER 31, 2035, REVIEW AND, AS**
 6 **NECESSARY, REVISE THE FINAL PLAN TO ACHIEVE NET-ZERO STATEWIDE GAS**
 7 **EMISSIONS BY 2045.**

8 (d) The final plans required under subsection (c) of this section shall include:

9 (1) Adopted regulations that implement all plan measures for which State
 10 agencies have existing statutory authority; and

11 (2) A summary of any new legislative authority needed to fully implement
 12 the plans and a timeline for seeking legislative authority.

13 **(E) A FINAL PLAN DEVELOPED UNDER THIS SECTION:**

14 **(1) MAY NOT INCLUDE HIGHWAY WIDENING OR ADDITIONAL ROAD**
 15 **CONSTRUCTION AS A GREENHOUSE GAS EMISSION REDUCTION MEASURE;**

16 ~~**(I) HIGHWAY WIDENING OR ADDITIONAL ROAD**~~
 17 ~~**CONSTRUCTION; OR MEASURE;**~~

18 ~~**(II) THE USE OF CARBON CAPTURE AND STORAGE**~~
 19 ~~**TECHNOLOGY;**~~

20 **(2) MAY INCLUDE THE USE OF CARBON CAPTURE AND STORAGE**
 21 **TECHNOLOGY AS A GREENHOUSE GAS EMISSION REDUCTION MEASURE ONLY IF THE**
 22 **TECHNOLOGY HAS BEEN SCIENTIFICALLY PROVEN TO ACHIEVE VERIFIABLE**
 23 **CARBON REDUCTIONS;**

24 ~~**(2) (3)**~~ **(3) SHALL USE THE GLOBAL WARMING POTENTIAL FOR**
 25 **METHANE OVER A 20-YEAR TIME HORIZON, AS ACCEPTED IN THE MOST RECENT**
 26 **ASSESSMENT OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE, IN**
 27 **ESTIMATING THE STATE'S GREENHOUSE GAS EMISSIONS REDUCTIONS; ~~AND~~**

28 **(4) SHALL INCLUDE SPECIFIC ESTIMATES OF THE GREENHOUSE GAS**
 29 **EMISSIONS REDUCTIONS THAT COULD BE ACHIEVED THROUGH THE EXPANSION OF**
 30 **MASS TRANSIT OPTIONS; AND**

1 ~~(3)~~ **(5)** **SHALL INCLUDE SPECIFIC ESTIMATES OF THE REDUCTIONS**
2 **EXPECTED FROM EACH GREENHOUSE GAS EMISSIONS REDUCTION MEASURE**
3 **INCLUDED IN THE PLAN.**

4 **[(e)] (F)** In developing and adopting a final plan to reduce statewide greenhouse
5 gas emissions, the Department shall consult with State and local agencies as appropriate.

6 **[(f)] (G)** (1) Unless required by federal law or regulations or existing State
7 law, regulations adopted by State agencies to implement a final plan may not:

8 (i) Require greenhouse gas emissions reductions from the State's
9 manufacturing sector; or

10 (ii) Cause a significant increase in costs to the State's manufacturing
11 sector.

12 (2) Paragraph (1) of this subsection may not be construed to exempt
13 greenhouse gas emissions sources in the State's manufacturing sector from the obligation
14 to comply with:

15 (i) Greenhouse gas emissions monitoring, recordkeeping, and
16 reporting requirements for which the Department had existing authority under § 2-301(a)
17 of this title on or before October 1, 2009; or

18 (ii) Greenhouse gas emissions reductions required of the
19 manufacturing sector as a result of the State's implementation of the Regional Greenhouse
20 Gas Initiative.

21 **[(g)] (H)** A regulation adopted by a State agency for the purpose of reducing
22 greenhouse gas emissions in accordance with this section may not be construed to result in
23 a significant increase in costs to the State's manufacturing sector unless the source would
24 not incur the cost increase but for the new regulation.

25 2-1206.

26 **(A)** In developing and implementing the plans required by § 2-1205 of this
27 subtitle, the Department shall:

28 (1) Analyze the feasibility of measures to comply with the greenhouse gas
29 emissions reductions required by this subtitle;

30 (2) Consider the impact on rural communities of any transportation related
31 measures proposed in the plans;

1 (3) Provide that a greenhouse gas emissions source that voluntarily
2 reduces its greenhouse gas emissions before the implementation of this subtitle shall
3 receive appropriate credit for its early voluntary actions;

4 (4) Provide for the use of offset credits generated by alternative compliance
5 mechanisms executed within the State, including carbon sequestration projects, to achieve
6 compliance with greenhouse gas emissions reductions required by this subtitle;

7 (5) Ensure that the plans do not decrease the likelihood of reliable and
8 affordable electrical service and statewide fuel supplies;

9 (6) Consider whether the measures would result in an increase in
10 electricity costs to consumers in the State;

11 (7) Consider the impact of the plans on the ability of the State to:

12 (i) Attract, expand, and retain commercial aviation services; and

13 (ii) Conserve, protect, and retain agriculture; [and]

14 (8) Ensure that the greenhouse gas emissions reduction measures
15 implemented in accordance with the plans:

16 (i) Are implemented in an efficient and cost-effective manner;

17 (ii) Do not disproportionately impact rural or low-income, low- to
18 moderate-income, or minority communities or any other particular class of electricity
19 ratepayers;

20 (iii) Minimize leakage;

21 (iv) Are quantifiable, verifiable, and enforceable;

22 (v) Directly cause no loss of existing jobs in the manufacturing
23 sector;

24 (vi) **[Produce] SUBJECT TO SUBSECTION (B) OF THIS SECTION,**
25 **PRODUCE** a net economic benefit to the State's economy and a net increase in jobs in the
26 State, **AS COMPARED WITH A NO-ACTION SCENARIO;** and

27 (vii) Encourage new employment opportunities in the State related to
28 energy conservation, alternative energy supply, and greenhouse gas emissions reduction
29 technologies, **PARTICULARLY IN AREAS OF THE STATE EXPERIENCING LOW RATES OF**
30 **EMPLOYMENT OR HIGH CONCENTRATIONS OF POVERTY;**

1 **(9) INCORPORATE TOP-DOWN METHANE EMISSIONS DATA ACQUIRED**
2 **THROUGH AIRCRAFT OBSERVATIONS; AND**

3 **(10) USE THE BEST AVAILABLE SCIENTIFIC INFORMATION, AS**
4 **INCLUDED IN THE MOST RECENT ASSESSMENTS AND REPORTS OF THE**
5 **INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE.**

6 **(B) (1) THE ECONOMIC BENEFIT ANALYSIS UNDER SUBSECTION**
7 **(A)(8)(VI) OF THIS SECTION SHALL INCLUDE THE SOCIAL COST OF CARBON.**

8 **(2) THE SOCIAL COST OF CARBON SHALL:**

9 **(I) BE DETERMINED BY THE DEPARTMENT;**

10 **(II) REFLECT THE HEALTH, ECONOMIC, AND ENVIRONMENTAL**
11 **COSTS OF CARBON; AND**

12 **(III) BE AT LEAST \$50 PER TON OF CARBON DIOXIDE**
13 **EQUIVALENT.**

14 2-1210.

15 On review of the study required under § 2-1207 of this subtitle, and the reports
16 required under § 2-1211 of this subtitle, the General Assembly:

17 (1) May act to maintain, revise, or eliminate the [40%] greenhouse gas
18 emissions [reduction] **REDUCTIONS** required under [§ 2-1204.1] **§§ 2-1204.1 AND**
19 **2-1204.2** of this subtitle; and

20 (2) Shall consider whether to continue the special manufacturing
21 provisions in § 2-1205(f)(1) of this subtitle.

22 2-1303.

23 (a) The Commission shall establish:

24 (1) A Scientific and Technical Working Group;

25 (2) A Greenhouse Gas Mitigation Working Group;

26 (3) An Adaptation and Response Working Group; [and]

27 (4) An Education, Communication, and Outreach Working Group; **AND**

1 **(5) SUBJECT TO § 2-1303.1 OF THIS SUBTITLE, A JUST TRANSITION**
2 **EMPLOYMENT AND RETRAINING WORKING GROUP.**

3 **2-1303.1.**

4 **(A) IN THIS SECTION, “WORKING GROUP” MEANS THE JUST TRANSITION**
5 **EMPLOYMENT AND RETRAINING WORKING GROUP OF THE COMMISSION.**

6 **(B) THE COMMISSION SHALL ESTABLISH A JUST TRANSITION**
7 **EMPLOYMENT AND RETRAINING WORKING GROUP.**

8 **(C) THE WORKING GROUP SHALL INCLUDE:**

9 **(1) ~~ONE MEMBER~~ TWO MEMBERS OF THE SENATE OF MARYLAND,**
10 **APPOINTED BY THE PRESIDENT OF THE SENATE;**

11 **(2) ~~ONE MEMBER~~ TWO MEMBERS OF THE HOUSE OF DELEGATES,**
12 **APPOINTED BY THE SPEAKER OF THE HOUSE;**

13 **(3) THE SECRETARY, OR THE SECRETARY’S DESIGNEE;**

14 **(4) THE SECRETARY OF LABOR, OR THE SECRETARY’S DESIGNEE;**

15 **(5) ONE ELECTRICAL WORKER, SELECTED BY THE INTERNATIONAL**
16 **BROTHERHOOD OF ELECTRICAL WORKERS;**

17 **(6) ONE CONSTRUCTION LABORER, SELECTED BY THE BALTIMORE**
18 **WASHINGTON LABORERS’ DISTRICT COUNCIL;**

19 **(7) TWO REPRESENTATIVES OF THE BUILDING AND CONSTRUCTION**
20 **TRADE INDUSTRY, SELECTED BY THE BALTIMORE-DC METRO BUILDING AND**
21 **CONSTRUCTION TRADES COUNCIL;**

22 **(8) FOUR LABOR REPRESENTATIVES, SELECTED BY THE MARYLAND**
23 **STATE AFL-CIO;**

24 **(9) ~~ONE REPRESENTATIVE OF THE CHESAPEAKE CLIMATE ACTION~~**
25 **~~NETWORK, SELECTED BY THE CHESAPEAKE CLIMATE ACTION NETWORK;~~ ONE**
26 **REPRESENTATIVE OF THE ENERGY EFFICIENCY INDUSTRY, SELECTED BY THE**
27 **SECRETARY;**

28 **(10) ONE REPRESENTATIVE OF THE MARYLAND CHAPTER OF THE**
29 **SIERRA CLUB, SELECTED BY THE MARYLAND CHAPTER OF THE SIERRA CLUB;**

1 (11) ONE REPRESENTATIVE OF THE SOLAR ENERGY INDUSTRY,
2 SELECTED BY THE MARYLAND-DC-DELAWARE-VIRGINIA SOLAR ENERGY
3 INDUSTRIES ASSOCIATION;

4 (12) ONE REPRESENTATIVE OF THE WIND ENERGY INDUSTRY,
5 SELECTED BY THE AMERICAN WIND ENERGY ASSOCIATION;

6 (13) TWO REPRESENTATIVES OF REGISTERED APPRENTICESHIP
7 ~~SPONSORS; AND SPONSORS,~~ ONE SELECTED BY THE MARYLAND CHAPTERS OF THE
8 ASSOCIATED BUILDERS AND CONTRACTORS AND ONE SELECTED BY THE
9 BALTIMORE-DC METRO BUILDING AND CONSTRUCTION TRADES COUNCIL;

10 (14) ONE COMMUNITY COLLEGE REPRESENTATIVE, SELECTED BY THE
11 MARYLAND ASSOCIATION OF COMMUNITY COLLEGES;

12 (15) ONE REPRESENTATIVE WHO IS A VETERAN, SELECTED BY THE
13 MARYLAND MILITARY COALITION;

14 (16) ONE REPRESENTATIVE WHO IS A FORMERLY INCARCERATED
15 INDIVIDUAL, SELECTED BY THE LEGAL ACTION CENTER NATIONAL H.I.R.E.
16 NETWORKS;

17 (17) TWO AT-LARGE REPRESENTATIVES WHO ARE WOMEN IN
18 AFFECTED INDUSTRIES, SELECTED BY THE GOVERNOR; AND

19 (18) TWO REPRESENTATIVES SELECTED BY THE MARYLAND STATE
20 CHAPTER OF THE NAACP.

21 (D) THE SECRETARY SHALL DESIGNATE THE CHAIR OF THE WORKING
22 GROUP.

23 (E) THE DEPARTMENT SHALL PROVIDE STAFF FOR THE WORKING GROUP.

24 (F) A MEMBER OF THE WORKING GROUP:

25 (1) MAY NOT RECEIVE COMPENSATION AS A MEMBER OF THE
26 WORKING GROUP; BUT

27 (2) IS ENTITLED TO REIMBURSEMENT FOR EXPENSES UNDER THE
28 STANDARD STATE TRAVEL REGULATIONS, AS PROVIDED IN THE STATE BUDGET.

29 (G) THE WORKING GROUP SHALL:

1 **(1) ADVISE THE COMMISSION ON ISSUES AND OPPORTUNITIES FOR**
2 **WORKFORCE DEVELOPMENT AND TRAINING RELATED TO ENERGY EFFICIENCY**
3 **MEASURES, RENEWABLE ENERGY, AND OTHER CLEAN ENERGY TECHNOLOGIES,**
4 **WITH SPECIFIC FOCUS ON TRAINING AND WORKFORCE OPPORTUNITIES FOR:**

5 **(I) SEGMENTS OF THE POPULATION THAT MAY BE**
6 **UNDERREPRESENTED IN THE CLEAN ENERGY WORKFORCE, SUCH AS VETERANS,**
7 **WOMEN, AND FORMERLY INCARCERATED INDIVIDUALS; AND**

8 **(II) DISLOCATED WORKERS AFFECTED BY THE DOWNSIZING OF**
9 **FOSSIL FUEL INDUSTRIES;**

10 **(2) IDENTIFY:**

11 **(I) ENERGY-INTENSIVE INDUSTRIES AND RELATED TRADES;**

12 **(II) SITES OF ELECTRIC GENERATING FACILITIES THAT MAY BE**
13 **CLOSED AS A RESULT OF A TRANSITION TO RENEWABLE ENERGY SOURCES;**

14 **(III) SECTOR-SPECIFIC IMPACTS OF THE STATE'S GREENHOUSE**
15 **GAS EMISSIONS REDUCTION PLAN ON THE STATE'S CURRENT WORKFORCE; ~~AND~~**

16 **(IV) AVENUES TO MAXIMIZE THE SKILLS AND EXPERTISE OF**
17 **MARYLAND WORKERS IN THE NEW ENERGY ECONOMY;**

18 **(V) CHALLENGES AND OPPORTUNITIES RELATED TO**
19 **MINIMIZING ADVERSE EMPLOYMENT AND FINANCIAL IMPACTS ON DISPLACED**
20 **WORKERS AND THEIR COMMUNITIES THROUGH ENVIRONMENTAL POLICIES**
21 **CONDITIONED ON THE FAIR DISTRIBUTION OF COSTS AND BENEFITS; AND**

22 **(VI) RESOURCES NECESSARY TO PROTECT WORKERS FROM**
23 **ECONOMIC INSECURITY, INCLUDING OPTIONS FOR MAINTAINING OR**
24 **SUPPLEMENTING RETIREMENT AND HEALTH CARE BENEFITS FOR DISLOCATED**
25 **WORKERS AFFECTED BY THE DOWNSIZING OF FOSSIL FUEL INDUSTRIES;**

26 **(3) ADVISE THE COMMISSION ON THE POTENTIAL IMPACTS OF**
27 **CARBON LEAKAGE RISKS ON MARYLAND INDUSTRIES AND LOCAL HOST**
28 **COMMUNITIES, INCLUDING THE IMPACT OF ANY POTENTIAL GREENHOUSE GAS**
29 **EMISSIONS REDUCTION MEASURES ON THE COMPETITIVENESS OF MARYLAND**
30 **BUSINESSES AND INDUSTRY; AND**

31 **(4) CONDUCT A STUDY OF:**

- 1 (a) In this subtitle the following words have the meanings indicated.
- 2 (b) “Building” has the meaning stated in the International Building Code.
- 3 (c) “Department” means the Maryland Department of Labor.
- 4 (d) (1) “International Building Code” means the first printing of the most
5 recent edition of the International Building Code issued by the International Code Council.
- 6 (2) “International Building Code” does not include interim amendments or
7 subsequent printings of the most recent edition of the International Building Code.
- 8 (e) (1) “International Energy Conservation Code” means the first printing of
9 the most recent edition of the International Energy Conservation Code issued by the
10 International Code Council.
- 11 (2) “International Energy Conservation Code” does not include interim
12 amendments or subsequent printings of the most recent edition of the International Energy
13 Conservation Code.
- 14 (f) (1) “International Green Construction Code” means the first printing of the
15 most recent edition of the International Green Construction Code issued by the
16 International Code Council.
- 17 (2) “International Green Construction Code” does not include interim
18 amendments or subsequent printings of the most recent edition of the International Green
19 Construction Code.
- 20 (g) “Local jurisdiction” means the county or municipal corporation that is
21 responsible for implementation and enforcement of the Standards under this subtitle.
- 22 (h) “Standards” means the Maryland Building Performance Standards.
- 23 (i) “Structure” has the meaning stated in the International Building Code.

24 **12-511.**

25 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
26 INDICATED.

27 (2) “COMMERCIAL BUILDING” MEANS A BUILDING THAT:

28 (I) IS USED PRIMARILY TO CARRY ON A FOR-PROFIT OR
29 NONPROFIT BUSINESS;

30 (II) IS NOT RESIDENTIAL; AND

1 (III) IS NOT USED PRIMARILY TO MANUFACTURE OR PRODUCE
2 RAW MATERIALS, PRODUCTS, OR AGRICULTURAL COMMODITIES.

3 (3) "COVERED BUILDING" MEANS A COMMERCIAL OR RESIDENTIAL
4 BUILDING WITH A GROSS FLOOR AREA OF 25,000 SQUARE FEET OR MORE,
5 EXCLUDING THE PARKING GARAGE AREA.

6 (4) "SOLAR-READY" MEANS DESIGNED, ENGINEERED, AND
7 CONSTRUCTED SO THAT AT LEAST 40% OF THE ROOF AREA IS:

8 (I) FREE FROM OBSTRUCTIONS; AND

9 (II) CAPABLE OF ACCEPTING THE INSTALLATION OF SOLAR
10 PANELS.

11 (B) (1) THIS SECTION APPLIES ONLY TO NEW CONSTRUCTION.

12 (2) THIS SECTION DOES NOT APPLY TO A PUBLIC PURPOSE PROJECT,
13 AS DEFINED IN § 4-201 OF THE HOUSING AND COMMUNITY DEVELOPMENT
14 ARTICLE.

15 (C) (1) ON OR BEFORE JULY 1, 2022, THE DEPARTMENT SHALL ADOPT
16 REGULATIONS ESTABLISHING ENERGY CONSERVATION REQUIREMENTS FOR
17 COVERED BUILDINGS IN ACCORDANCE WITH THIS SUBSECTION.

18 (2) SUBJECT TO PARAGRAPH (3) OF THIS SUBSECTION, THE
19 REGULATIONS SHALL REQUIRE NEW COVERED BUILDINGS TO ACHIEVE:

20 (I) ENERGY USE REDUCTIONS THAT EXCEED THE 2018
21 INTERNATIONAL ENERGY CONSERVATION CODE BY AT LEAST:

22 1. 30% FOR BUILDING PERMIT APPLICATIONS RECEIVED
23 FROM JANUARY 1, 2024, THROUGH DECEMBER 31, 2026, INCLUSIVE;

24 2. 40% FOR BUILDING PERMIT APPLICATIONS RECEIVED
25 FROM JANUARY 1, 2027, THROUGH DECEMBER 31, 2029, INCLUSIVE; AND

26 3. 60% FOR BUILDING PERMIT APPLICATIONS RECEIVED
27 FROM JANUARY 1, 2030, THROUGH DECEMBER 31, 2032, INCLUSIVE; AND

28 (II) A NET-ZERO ENERGY BALANCE FOR BUILDING PERMIT
29 APPLICATIONS RECEIVED ON OR AFTER JANUARY 1, 2033.

1 **(3) (I) IF THE VERSION OF THE STANDARDS IN EFFECT AT THE**
2 **TIME A BUILDING PERMIT APPLICATION IS RECEIVED WOULD REQUIRE THE**
3 **BUILDING TO MEET ENERGY CONSERVATION REQUIREMENTS THAT ARE MORE**
4 **STRINGENT THAN THE REQUIREMENTS ESTABLISHED UNDER PARAGRAPH (2) OF**
5 **THIS SUBSECTION, THE BUILDING SHALL BE REQUIRED TO MEET THE MORE**
6 **STRINGENT REQUIREMENTS.**

7 **(II) IF THE LOCAL JURISDICTION WHERE A COVERED BUILDING**
8 **WILL BE LOCATED HAS ADOPTED ENERGY CONSERVATION REQUIREMENTS MORE**
9 **STRINGENT THAN THE REQUIREMENTS ESTABLISHED UNDER PARAGRAPH (2) OF**
10 **THIS SUBSECTION, THE BUILDING SHALL BE REQUIRED TO MEET THE MORE**
11 **STRINGENT REQUIREMENTS.**

12 **(D) (1) ON OR BEFORE JULY 1, 2022, THE DEPARTMENT SHALL ADOPT**
13 **REGULATIONS REQUIRING NEW COVERED BUILDINGS TO BE SOLAR-READY IF THE**
14 **BUILDING:**

15 **(I) WILL HAVE 20,000 SQUARE FEET OR MORE OF CONTINUOUS**
16 **ROOF SPACE, EXCLUDING THE PARKING AREA; AND**

17 **(II) WILL BE 20 STORIES OR LESS IN HEIGHT, ABOVE GRADE**
18 **PLANE.**

19 **(2) REGULATIONS ADOPTED UNDER THIS SUBSECTION MAY**
20 **AUTHORIZE A LOCAL JURISDICTION TO WAIVE THE SOLAR-READY REQUIREMENT**
21 **FOR A BUILDING ON A SPECIFIC FINDING THAT:**

22 **(I) INCIDENT SOLAR RADIATION AT THE BUILDING SITE IS LESS**
23 **THAN 75% OF INCIDENT SOLAR RADIATION AT AN OPEN SITE; OR**

24 **(II) SHADOW STUDIES INDICATE THAT 25% OF A BUILDING'S**
25 **ROOF AREA WILL BE IN SHADOW.**

26 **(3) REGULATIONS ADOPTED UNDER THIS SUBSECTION SHALL APPLY**
27 **TO EACH COVERED BUILDING IN THE STATE FOR WHICH A BUILDING PERMIT**
28 **APPLICATION IS RECEIVED ON OR AFTER JANUARY 1, 2023.**

29 **(E) A LOCAL JURISDICTION MAY ADOPT ENERGY CONSERVATION AND**
30 **SOLAR ENERGY REQUIREMENTS FOR BUILDINGS THAT ARE MORE STRINGENT THAN**
31 **THE REQUIREMENTS ESTABLISHED BY THE DEPARTMENT UNDER THIS SECTION.**

32 **12-512.**

1 **(A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS**
2 **INDICATED.**

3 **(2) “COMMERCIAL BUILDING” MEANS A BUILDING THAT:**

4 **(I) IS USED PRIMARILY TO CARRY ON A FOR-PROFIT OR**
5 **NONPROFIT BUSINESS;**

6 **(II) IS NOT RESIDENTIAL; AND**

7 **(III) IS NOT USED PRIMARILY TO MANUFACTURE OR PRODUCE**
8 **RAW MATERIALS, PRODUCTS, OR AGRICULTURAL COMMODITIES.**

9 **(3) “COVERED BUILDING” MEANS A COMMERCIAL OR RESIDENTIAL**
10 **BUILDING WITH A GROSS FLOOR AREA OF 25,000 SQUARE FEET OR MORE,**
11 **EXCLUDING THE PARKING GARAGE AREA.**

12 **(4) “MAJOR RENOVATION” MEANS A RENOVATION PROJECT:**

13 **(I) FOR WHICH THE TOTAL PROJECTED COST EXCEEDS 50% OF**
14 **THE ASSESSED VALUE OF THE EXISTING BUILDING; OR**

15 **(II) INVOLVING A CHANGE OF USE, IF THE CHANGE INVOLVES**
16 **THE APPLICATION OF DIFFERENT REQUIREMENTS OF THE STANDARDS.**

17 **(B) THIS SECTION DOES NOT APPLY TO:**

18 **(1) A PUBLIC PURPOSE PROJECT, AS DEFINED IN § 4-201 OF THE**
19 **HOUSING AND COMMUNITY DEVELOPMENT ARTICLE; OR**

20 **(2) A BUILDING DESIGNATED AS A HISTORIC PROPERTY UNDER**
21 **FEDERAL, STATE, OR LOCAL LAW.**

22 **(C) EXCEPT AS PROVIDED IN SUBSECTION (D) OF THIS SECTION, IF A**
23 **COVERED BUILDING IS UNDERGOING A MAJOR RENOVATION, THE BUILDING SHALL**
24 **BE RENOVATED TO ACHIEVE:**

25 **(1) A 40% REDUCTION IN THE BUILDING’S AVERAGE ANNUAL ENERGY**
26 **USE; OR**

27 **(2) A LEVEL OF ENERGY EFFICIENCY THAT IS AT LEAST 20% HIGHER**
28 **THAN WHAT WOULD BE REQUIRED FOR A NEW BUILDING UNDER § 12-511 OF THIS**
29 **SUBTITLE.**

1 **(D) A LOCAL JURISDICTION MAY WAIVE THE REQUIREMENTS UNDER**
2 **SUBSECTION (C) OF THIS SECTION IF THE BUILDING OWNER DEMONSTRATES THAT**
3 **THE COST OF THE IMPROVEMENTS NECESSARY TO ACHIEVE THE REQUIRED ENERGY**
4 **REDUCTIONS WOULD EXCEED PROJECTED OPERATIONAL AND ENERGY SAVINGS**
5 **FROM THE IMPROVEMENTS OVER A 15-YEAR PERIOD.**

6 **(E) ON OR BEFORE JULY 1, 2022, THE DEPARTMENT SHALL ADOPT**
7 **REGULATIONS TO IMPLEMENT THIS SECTION.**

8 **12-513.**

9 **(A) (1) SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION, ON OR**
10 **BEFORE JULY 1, 2022, THE DEPARTMENT SHALL ADOPT REGULATIONS DIRECTING**
11 **LOCAL JURISDICTIONS TO REQUIRE ENERGY LIFE CYCLE COST ESTIMATES FOR NEW**
12 **BUILDINGS.**

13 **(2) A BUILDING SHALL BE EXEMPT FROM LIFE CYCLE ANALYSIS**
14 **REQUIREMENTS ADOPTED UNDER THIS SECTION IF IT IS DESIGNED TO BE**
15 **ALL-ELECTRIC.**

16 **(B) (1) THE REGULATIONS SHALL REQUIRE ENERGY MODELS FOR NEW**
17 **BUILDINGS TO EVALUATE LIFE CYCLE COSTS FOR:**

18 **(I) AN ALL-ELECTRIC OPTION, INCLUDING NO**
19 **COMBUSTION-POWERED EQUIPMENT; AND**

20 **(II) A MIXED-FUEL OPTION, INCLUDING A COMBINATION OF**
21 **COMBUSTION- AND ELECTRIC-POWERED EQUIPMENT.**

22 **(2) THE REGULATIONS SHALL REQUIRE ALL REASONABLY**
23 **FORESEEABLE FUTURE COSTS OF COMBUSTION, INCLUDING COSTS RESULTING**
24 **FROM STRANDED FOSSIL FUEL ASSETS AND CARBON PRICING, TO BE CONSIDERED**
25 **WHEN CALCULATING LIFE CYCLE COSTS.**

26 **(C) LIFE CYCLE COST ESTIMATES PRODUCED IN ACCORDANCE WITH**
27 **REGULATIONS ADOPTED UNDER THIS SECTION SHALL BE:**

28 **(1) MADE AVAILABLE TO THE DEPARTMENT; AND**

29 **(2) TAKEN INTO CONSIDERATION WHEN THE STATE REVISES THE**
30 **STANDARDS OR THE ENERGY CODE DEFINED UNDER THE ENERGY CONSERVATION**
31 **BUILDING STANDARDS ESTABLISHED IN TITLE 7, SUBTITLE 4 OF THE PUBLIC**
32 **UTILITIES ARTICLE.**

1 **Article – Public Utilities**

2 7–211.

3 (g) (1) Except as provided in subsection (e) of this section, on or before
4 December 31, 2008, by regulation or order, the Commission shall:

5 (i) to the extent that the Commission determines that cost–effective
6 energy efficiency and conservation programs and services are available, for each affected
7 class, require each electric company to procure or provide for its electricity customers
8 cost–effective energy efficiency and conservation programs and services with projected and
9 verifiable electricity savings that are designed to achieve a targeted reduction of at least
10 5% by the end of 2011 and 10% by the end of 2015 of per capita electricity consumed in the
11 electric company’s service territory during 2007; and

12 (ii) require each electric company to implement a cost–effective
13 demand response program in the electric company’s service territory that is designed to
14 achieve a targeted reduction of at least 5% by the end of 2011, 10% by the end of 2013, and
15 15% by the end of 2015, in per capita peak demand of electricity consumed in the electric
16 company’s service territory during 2007.

17 (2) (i) Except as provided in subsection (e) of this section, for the
18 duration of the ~~[2018–2020 and]~~ 2021–2023 **AND 2024–2026** program cycles, by regulation
19 or order, the Commission shall, to the extent that the Commission determines that
20 cost–effective energy efficiency and conservation programs and services are available, for
21 each affected class, require each electric company to procure or provide for its electricity
22 customers cost–effective energy efficiency and conservation programs and services with
23 projected and verifiable electricity savings that are designed on a trajectory to achieve a
24 targeted annual incremental gross energy savings of at least ~~[2.0%] 3.0% per year,~~
25 ~~calculated as a percentage of the electric company’s 2016 weather-normalized gross retail~~
26 ~~sales and electricity losses~~ **LEAST THE FOLLOWING ANNUAL PERCENTAGES,**
27 **CALCULATED AS A PERCENTAGE OF THE ELECTRIC COMPANY’S 2016**
28 **WEATHER-NORMALIZED GROSS RETAIL SALES AND ELECTRICITY LOSSES:**

29 **1. 2.25% PER YEAR IN 2024 AND 2025;**

30 **2. 2.5% IN 2026; AND**

31 **3. 2.75% PER YEAR IN 2027 AND THEREAFTER.**

32 (ii) The savings trajectory shall use the approved 2016 plans
33 submitted under subsection (h)(2) of this section as a baseline for an incremental increase
34 of a rate of .20% per year until the minimum ~~[2.0%] 3.0% per year~~ savings rate **SPECIFIED**
35 **IN SUBPARAGRAPH (I) OF THIS PARAGRAPH** is achieved.

1 (iii) The gross retail sales against which the savings are measured
2 shall:

3 1. reflect sales associated with customer classes served by
4 utility-administered programs only; and

5 2. be updated by the Commission for each plan submitted
6 under subsection (h)(2) of this section.

7 (iv) The targeted annual incremental gross energy savings shall be
8 achieved based on the 3-year average of an electric company's plan submitted under
9 subsection (h)(2) of this section.

10 Article – State Finance and Procurement

11 3-602.1.

12 (a) (1) In this section the following words have the meanings indicated.

13 (2) “High performance building” means a building that:

14 (i) 1. A. ~~meets or exceeds the current~~ **ACHIEVES AT LEAST**
15 **A SILVER RATING ACCORDING TO THE MOST RECENT** version of the U.S. Green Building
16 Council's LEED (Leadership in Energy and Environmental Design) Green Building Rating
17 System ~~Silver rating~~; **OR**

18 **B. IS A SCHOOL OR PUBLIC SAFETY BUILDING THAT**
19 **ACHIEVES AT LEAST A CERTIFIED RATING ACCORDING TO THE MOST RECENT**
20 **VERSION OF THE U.S. GREEN BUILDING COUNCIL'S LEED GREEN BUILDING**
21 **RATING SYSTEM AND, BASED ON THE BUILDING'S LOCATION, ACHIEVES 5 POINTS**
22 **OR LESS IN THE COMBINED CREDITS FOR ACCESS TO QUALITY TRANSIT AND**
23 **SURROUNDING DENSITY AND DIVERSE USES;**

24 [(ii)] 2. achieves at least a comparable numeric rating according
25 to a nationally recognized, accepted, and appropriate numeric sustainable development
26 rating system, guideline, or standard approved by the Secretaries of Budget and
27 Management and General Services; or

28 [(iii)] 3. complies with a nationally recognized and accepted green
29 building code, guideline, or standard reviewed and recommended by the Maryland Green
30 Building Council and approved by the Secretaries of Budget and Management and General
31 Services; **AND**

32 **(II) 1. MEETS OR EXCEEDS THE CURRENT REQUIREMENTS**
33 **FOR CERTIFICATION UNDER THE U.S. GREEN BUILDING COUNCIL'S LEED**

1 **(LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN) ZERO ENERGY**
2 **PROGRAM; OR**

3 **2. ACHIEVES A NET-ZERO ENERGY BALANCE IN**
4 **ACCORDANCE WITH STANDARDS OR GUIDELINES RECOMMENDED BY THE**
5 **MARYLAND GREEN BUILDING COUNCIL AND APPROVED BY THE SECRETARIES OF**
6 **BUDGET AND MANAGEMENT AND GENERAL SERVICES.**

7 (3) "Major renovation" means the renovation of a building where:

8 (i) the building shell is to be reused for the new construction;

9 (ii) the heating, ventilating, and air conditioning (HVAC), electrical,
10 and plumbing systems are to be replaced; and

11 (iii) the scope of the renovation is 7,500 square feet or greater.

12 (b) It is the intent of the General Assembly that, to the extent practicable:

13 (1) the State shall employ green building technologies when constructing
14 or renovating a State building not subject to this section; and

15 (2) high performance buildings shall meet the criteria and standards
16 established under the "High Performance Green Building Program" adopted by the
17 Maryland Green Building Council.

18 (c) (1) This subsection applies to:

19 (i) capital projects [that are funded solely] **FOR WHICH AT LEAST**
20 **25% OF THE PROJECT COSTS ARE FUNDED** with State funds; and

21 (ii) community college capital projects that receive State funds.

22 (2) Except as provided in subsections (d) and (e) of this section, if a capital
23 project includes the construction or major renovation of a building that is 7,500 square feet
24 or greater, the building shall be constructed or renovated to be a high performance building.

25 (d) The following types of unoccupied buildings are not required to be constructed
26 or renovated to be high performance buildings:

27 (1) warehouse and storage facilities;

28 (2) garages;

29 (3) maintenance facilities;

1 (4) transmitter buildings;

2 (5) pumping stations; and

3 (6) other similar types of buildings, as determined by the Department.

4 (e) (1) The Department of Budget and Management and the Department of
5 General Services shall jointly establish a process to allow a unit of State government or a
6 community college to obtain a waiver from complying with subsection (c) of this section.

7 (2) The waiver process shall:

8 (i) include a review by the Maryland Green Building Council
9 established under § 4–809 of this article, to determine if the use of a high performance
10 building in a proposed capital project is not practicable; and

11 (ii) require the approval of a waiver by the Secretaries of Budget and
12 Management, General Services, and Transportation.

13 4–809.

14 (f) The Maryland Green Building Council shall:

15 (1) evaluate current high performance building technologies;

16 (2) provide recommendations concerning the most cost-effective green
17 building technologies that the State might consider requiring in the construction of State
18 facilities, including consideration of the additional cost associated with the various
19 technologies;

20 (3) provide recommendations concerning how to expand green building in
21 the State;

22 (4) develop a list of building types for which green building technologies
23 should not be applied, taking into consideration the operational aspects of facilities
24 evaluated, and the utility of a waiver process where appropriate;

25 (5) establish a process for receiving public input; [and]

26 (6) [develop guidelines for new public school buildings to achieve the
27 equivalent of the current version of the U.S. Green Building Council's LEED (Leadership
28 in Energy and Environmental Design) Green Building Rating System Silver rating or a
29 comparable rating system or building code as authorized in § 3–602.1 of this article without
30 requiring an independent certification that the buildings have achieved the required
31 standards] **ENSURE THAT STATE BUILDINGS, PUBLIC SCHOOLS, AND COMMUNITY
32 COLLEGES THAT ARE REQUIRED TO MEET THE HIGH PERFORMANCE BUILDING**

1 REQUIREMENTS UNDER § 3-602.1 OF THIS ARTICLE OR § 5-312 OF THE EDUCATION
2 ARTICLE MEET THOSE REQUIREMENTS; AND

3 (7) DEVELOP GUIDELINES FOR EVALUATING THE ENERGY BALANCE
4 AND ACHIEVING A NET-ZERO ENERGY BALANCE IN BUILDINGS SUBJECT TO §
5 3-602.1 OF THIS ARTICLE.

6 6-226.

7 (a) (2) (i) Notwithstanding any other provision of law, and unless
8 inconsistent with a federal law, grant agreement, or other federal requirement or with the
9 terms of a gift or settlement agreement, net interest on all State money allocated by the
10 State Treasurer under this section to special funds or accounts, and otherwise entitled to
11 receive interest earnings, as accounted for by the Comptroller, shall accrue to the General
12 Fund of the State.

13 (ii) The provisions of subparagraph (i) of this paragraph do not apply
14 to the following funds:

15 122. the Racing and Community Development Financing Fund;
16 [and]

17 123. the Racing and Community Development Facilities Fund;
18 AND

19 124. THE NET-ZERO SCHOOL LOAN FUND.

20 14-417.

21 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
22 INDICATED.

23 ~~(2) "LIGHT DUTY VEHICLE" MEANS A VEHICLE WITH A GROSS~~
24 ~~WEIGHT OF 8,500 POUNDS OR LESS.~~

25 (2) "PASSENGER CAR" HAS THE MEANING STATED IN § 11-144.2 OF
26 THE TRANSPORTATION ARTICLE.

27 (3) "ZERO-EMISSION VEHICLE" HAS THE MEANING STATED IN §
28 23-206.4 OF THE TRANSPORTATION ARTICLE.

29 (B) IT IS THE INTENT OF THE GENERAL ASSEMBLY THAT:

30 (1) 100% OF LIGHT-DUTY VEHICLES PASSENGER CARS IN THE STATE
31 VEHICLE FLEET BE ZERO-EMISSION VEHICLES BY 2030; AND

1 **(2) THE STATE MAKE REASONABLE EFFORTS TO TRANSITION THE**
2 **REST OF THE LIGHT-DUTY VEHICLES IN THE STATE VEHICLE FLEET TO**
3 **ZERO-EMISSION VEHICLES AS SOON AS PRACTICABLE.**

4 **(C) THIS SECTION DOES NOT APPLY TO THE PURCHASE OF VEHICLES;**

5 **(1) THAT HAVE SPECIAL PERFORMANCE REQUIREMENTS NECESSARY**
6 **FOR THE PROTECTION AND WELFARE OF THE PUBLIC; OR**

7 **(2) BY THE DEPARTMENT OF TRANSPORTATION OR THE MARYLAND**
8 **TRANSIT ADMINISTRATION THAT WILL BE USED TO PROVIDE PARATRANSIT**
9 **SERVICE.**

10 **(D) SUBJECT TO THE AVAILABILITY OF FUNDING, THE STATE SHALL**
11 **ENSURE THAT:**

12 ~~**(1) IN EACH FISCAL YEAR FROM FISCAL YEAR 2022 THROUGH FISCAL**~~
13 ~~**YEAR 2024, INCLUSIVE, AT LEAST 50% OF LIGHT-DUTY VEHICLES PURCHASED FOR**~~
14 ~~**THE STATE VEHICLE FLEET ARE ZERO-EMISSION VEHICLES; AND**~~

15 ~~**(2) BEGINNING IN FISCAL YEAR 2025, 100% OF LIGHT-DUTY**~~
16 ~~**VEHICLES PURCHASED FOR THE STATE VEHICLE FLEET ARE ZERO-EMISSION**~~
17 ~~**VEHICLES.**~~

18 **(1) IN FISCAL YEARS 2022 THROUGH 2024, INCLUSIVE, AT LEAST 25%**
19 **OF PASSENGER CARS PURCHASED FOR THE STATE VEHICLE FLEET ARE**
20 **ZERO-EMISSION VEHICLES;**

21 **(2) IN FISCAL YEARS 2025 AND 2026, INCLUSIVE, AT LEAST 50% OF**
22 **PASSENGER CARS PURCHASED FOR THE STATE VEHICLE FLEET ARE**
23 **ZERO-EMISSION VEHICLES; AND**

24 **(3) BEGINNING IN FISCAL YEAR 2027, 100% OF PASSENGER CARS**
25 **PURCHASED FOR THE STATE VEHICLE FLEET ARE ZERO-EMISSION VEHICLES.**

26 **(E) THE DEPARTMENT SHALL ENSURE THE DEVELOPMENT OF CHARGING**
27 **INFRASTRUCTURE TO SUPPORT THE OPERATION OF ZERO-EMISSION VEHICLES IN**
28 **THE STATE VEHICLE FLEET.**

29 ~~**(F)**~~ **(1) ON OR BEFORE DECEMBER 1 EACH YEAR, THE CHIEF**
30 **PROCUREMENT OFFICER SHALL SUBMIT TO THE GENERAL ASSEMBLY, IN**
31 **ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, AN ANNUAL**
32 **REPORT THAT INCLUDES, FOR THE IMMEDIATELY PRECEDING FISCAL YEAR:**

1 (I) THE TOTAL NUMBER OF ~~LIGHT-DUTY VEHICLES~~ PASSENGER
2 CARS PURCHASED BY EACH UNIT;

3 (II) THE NUMBER OF ZERO-EMISSION ~~LIGHT-DUTY VEHICLES~~
4 PASSENGER CARS PURCHASED BY EACH UNIT;

5 (III) THE CURRENT PERCENTAGE OF ~~LIGHT-DUTY VEHICLES~~
6 PASSENGER CARS IN THE STATE VEHICLE FLEET THAT ARE ZERO-EMISSION
7 VEHICLES; ~~AND~~

8 (IV) ANY OPERATIONAL SAVINGS ASSOCIATED WITH THE
9 PURCHASE AND OPERATION OF ZERO-EMISSION VEHICLES; AND

10 (V) AN EVALUATION OF THE CHARGING INFRASTRUCTURE
11 THAT EXISTS TO SUPPORT THE OPERATION OF ZERO-EMISSION VEHICLES IN THE
12 STATE VEHICLE FLEET.

13 (2) EACH UNIT SHALL COOPERATE WITH THE CHIEF PROCUREMENT
14 OFFICER IN THE COLLECTION AND REPORTING OF THE INFORMATION REQUIRED
15 UNDER THIS SUBSECTION.

16 Article – State Government

17 9-2010.

18 (A) IN THIS SECTION, “FUND” MEANS THE NET-ZERO SCHOOL LOAN FUND.

19 (B) THERE IS A NET-ZERO SCHOOL LOAN FUND.

20 (C) THE PURPOSE OF THE FUND IS TO ASSIST LOCAL SCHOOL SYSTEMS TO
21 COVER THE COST DIFFERENCE BETWEEN MEETING THE BASIC HIGH PERFORMANCE
22 BUILDING REQUIREMENTS AND THE NET-ZERO ENERGY REQUIREMENTS UNDER §
23 3-602.1 OF THE STATE FINANCE AND PROCUREMENT ARTICLE.

24 (D) THE ADMINISTRATION SHALL ADMINISTER THE FUND.

25 (E) (1) THE FUND IS A SPECIAL, NONLAPSING FUND THAT IS NOT
26 SUBJECT TO § 7-302 OF THE STATE FINANCE AND PROCUREMENT ARTICLE.

27 (2) THE STATE TREASURER SHALL HOLD THE FUND SEPARATELY,
28 AND THE COMPTROLLER SHALL ACCOUNT FOR THE FUND.

29 (F) THE FUND CONSISTS OF:

1 (1) MONEY ALLOCATED TO THE FUND FROM THE STRATEGIC ENERGY
2 INVESTMENT FUND UNDER § 9-20B-05(G)(3) OF THIS TITLE;

3 (2) MONEY PROVIDED TO THE FUND BY A SCHOOL SYSTEM UNDER
4 SUBSECTION (G) OF THIS SECTION;

5 (3) INTEREST EARNINGS; AND

6 (4) ANY OTHER MONEY FROM ANY OTHER SOURCE ACCEPTED FOR
7 THE BENEFIT OF THE FUND.

8 (G) (1) THE FUND MAY BE USED ONLY FOR PROVIDING LOCAL SCHOOL
9 SYSTEMS WITH NO-INTEREST LOANS TO COVER THE COST DIFFERENCE BETWEEN
10 MEETING THE HIGH PERFORMANCE BUILDING REQUIREMENTS AND THE NET-ZERO
11 ENERGY REQUIREMENTS UNDER § 3-602.1 OF THE STATE FINANCE AND
12 PROCUREMENT ARTICLE.

13 (2) THE ADMINISTRATION SHALL DEVELOP GUIDELINES AND
14 REPORTING REQUIREMENTS FOR LOCAL SCHOOL SYSTEMS TO RECEIVE
15 NO-INTEREST LOANS UNDER PARAGRAPH (1) OF THIS SUBSECTION.

16 ~~(3) EACH LOCAL SCHOOL SYSTEM THAT RECEIVES A NO-INTEREST~~
17 ~~LOAN UNDER THIS SECTION SHALL TRANSFER TO THE ADMINISTRATION EACH YEAR~~
18 ~~AN AMOUNT EQUAL TO THE ENERGY SAVINGS ASSOCIATED WITH THE OPERATION OF~~
19 ~~A NET-ZERO ENERGY SCHOOL UNTIL THE LOCAL SCHOOL SYSTEM HAS REPAID THE~~
20 ~~LOAN.~~

21 (3) THE TERM OF A NO-INTEREST LOAN FROM THE FUND MAY NOT
22 EXCEED THE LESSER OF:

23 (I) THE ESTIMATED TIMEFRAME FOR REALIZING A RETURN ON
24 INVESTMENT FROM THE ENERGY SAVINGS ATTRIBUTABLE TO CONSTRUCTING THE
25 SCHOOL BUILDING TO MEET NET-ZERO ENERGY REQUIREMENTS; OR

26 (II) 15 YEARS.

27 (H) (1) THE STATE TREASURER SHALL INVEST THE MONEY OF THE FUND
28 IN THE SAME MANNER AS OTHER STATE MONEY MAY BE INVESTED.

29 (2) ANY INTEREST EARNINGS OF THE FUND SHALL BE CREDITED TO
30 THE FUND.

31 (I) EXPENDITURES FROM THE FUND MAY BE MADE ONLY IN ACCORDANCE
32 WITH THE STATE BUDGET.

1 **(J) MONEY EXPENDED FROM THE FUND IS SUPPLEMENTAL TO AND IS NOT**
2 **INTENDED TO TAKE THE PLACE OF FUNDING THAT OTHERWISE WOULD BE**
3 **APPROPRIATED TO ASSIST LOCAL SCHOOL SYSTEMS WITH SCHOOL CONSTRUCTION**
4 **COSTS.**

5 9–20B–05.

6 (a) There is a Maryland Strategic Energy Investment Fund.

7 (g) **(1) [Proceeds] EXCEPT AS PROVIDED UNDER PARAGRAPH (3) OF THIS**
8 **SUBSECTION, PROCEEDS** received by the Fund from the sale of allowances under §
9 2–1002(g) of the Environment Article shall be allocated as follows:

10 **[(1)] (I)** at least 50% shall be credited to an energy assistance account to
11 be used for the Electric Universal Service Program and other electricity assistance
12 programs in the Department of Human Services;

13 **[(2)] (II)** at least 20% shall be credited to a low and moderate income
14 efficiency and conservation programs account and to a general efficiency and conservation
15 programs account for energy efficiency and conservation programs, projects, or activities
16 and demand response programs, of which at least one–half shall be targeted to the low and
17 moderate income efficiency and conservation programs account for:

18 **[(i)] 1.** the low–income residential sector at no cost to the
19 participants of the programs, projects, or activities; and

20 **[(ii)] 2.** the moderate–income residential sector;

21 **[(3)] (III) SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION,** at least
22 20% shall be credited to a renewable and clean energy programs account for:

23 **[(i)] 1.** renewable and clean energy programs and initiatives;

24 **[(ii)] 2.** energy–related public education and outreach; and

25 **[(iii)] 3.** climate change and resiliency programs, **INCLUDING THE**
26 **MARYLAND HEALTHY SOILS PROGRAM ESTABLISHED UNDER § 2–1901 OF THE**
27 **AGRICULTURE ARTICLE;** and

28 **[(4)] (IV)** up to 10%, but not more than \$5,000,000, shall be credited to an
29 administrative expense account for costs related to the administration of the Fund,
30 including the review of electric company plans for achieving electricity savings and demand
31 reductions that the electric companies are required under law to submit to the
32 Administration.

1 **(2) IN FISCAL YEARS 2022 THROUGH 2027, INCLUSIVE, OF THE 20%**
2 **CREDITED TO THE RENEWABLE AND CLEAN ENERGY PROGRAMS ACCOUNT UNDER**
3 **PARAGRAPH (1)(III) OF THIS SUBSECTION, THE GREATER OF 5% OR \$500,000 SHALL**
4 **BE ALLOCATED TO THE MARYLAND HEALTHY SOILS PROGRAM.**

5 **(3) (I) SUBJECT TO THE REQUIREMENTS OF THIS PARAGRAPH, IN**
6 **ANY FISCAL YEAR THAT THE PROCEEDS RECEIVED BY THE FUND EXCEED**
7 **\$50,000,000, THE ADMINISTRATION SHALL CREDIT PROCEEDS IN EXCESS OF THE**
8 **FIRST \$50,000,000 TO A CLIMATE SOLUTIONS ACCOUNT TO BE USED FOR:**

9 **1. COVERING THE COST DIFFERENCE BETWEEN**
10 **ZERO-EMISSION ~~LIGHT-DUTY VEHICLES~~ PASSENGER CARS, PURCHASED IN**
11 **ACCORDANCE WITH § 14-417 OF THE STATE FINANCE AND PROCUREMENT**
12 **ARTICLE, AND STANDARD LIGHT-DUTY VEHICLES;**

13 **2. ALLOCATIONS TO THE NET-ZERO SCHOOL LOAN**
14 **FUND UNDER § 9-2010 OF THIS TITLE;**

15 **3. ADMINISTRATIVE COSTS OF THE DEPARTMENT OF**
16 **THE ENVIRONMENT RELATING TO GREENHOUSE GAS EMISSIONS REDUCTION**
17 **PLANNING; ~~AND~~**

18 **4. ADMINISTRATIVE COSTS OF THE MARYLAND**
19 **DEPARTMENT OF LABOR RELATING TO THE DEVELOPMENT AND IMPLEMENTATION**
20 **OF ENERGY CONSERVATION AND ENERGY MODELING REQUIREMENTS UNDER §§**
21 **12-511 THROUGH 12-513 OF THE PUBLIC SAFETY ARTICLE; AND**

22 **5. COSTS INCURRED BY THE DEPARTMENT OF GENERAL**
23 **SERVICES TO INSTALL ELECTRIC CHARGING EQUIPMENT ON STATE PROPERTY.**

24 **(II) NOT MORE THAN \$20,000,000 MAY BE DEPOSITED TO THE**
25 **CLIMATE SOLUTIONS ACCOUNT IN A FISCAL YEAR.**

26 **(III) IN ANY FISCAL YEAR THAT THERE ARE NOT SUFFICIENT**
27 **FUNDS IN THE CLIMATE SOLUTIONS ACCOUNT TO FULLY FUND THE PROGRAMS AND**
28 **PURPOSES DESCRIBED IN SUBPARAGRAPH (I) OF THIS PARAGRAPH, THE**
29 **ADMINISTRATION SHALL PRIORITIZE THE ALLOCATION OF FUNDS IN THE**
30 **FOLLOWING ORDER:**

31 **1. THE INCREMENTAL COSTS OF PURCHASING**
32 **ZERO-EMISSION ~~LIGHT-DUTY VEHICLES~~ PASSENGER CARS;**

33 **2. THE NET-ZERO SCHOOL LOAN FUND ALLOCATIONS;**

1 3. ADMINISTRATIVE COSTS OF THE DEPARTMENT OF
2 THE ENVIRONMENT RELATING TO GREENHOUSE GAS REDUCTION PLANNING; ~~AND~~

3 4. ADMINISTRATIVE COSTS OF THE MARYLAND
4 DEPARTMENT OF LABOR RELATING TO THE DEVELOPMENT AND IMPLEMENTATION
5 OF ROOFTOP SOLAR, BUILDING RENOVATION, AND ENERGY MODELING
6 REQUIREMENTS UNDER §§ 12-511 THROUGH 12-513 OF THE PUBLIC SAFETY
7 ARTICLE; AND

8 5. COSTS INCURRED BY THE DEPARTMENT OF GENERAL
9 SERVICES TO INSTALL ELECTRIC CHARGING EQUIPMENT ON STATE PROPERTY.

10 Article – Transportation

11 7-406.

12 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
13 INDICATED.

14 (2) “ALTERNATIVE-FUEL BUS” MEANS A MOTOR VEHICLE THAT:

15 (I) IS DESIGNED TO CARRY MORE THAN 10 PASSENGERS AND IS
16 USED TO CARRY PASSENGERS FOR COMPENSATION;

17 (II) IS NOT POWERED BY DIESEL OR GASOLINE;

18 (III) PROVIDES GREENHOUSE GAS EMISSIONS REDUCTIONS IN
19 COMPARISON TO AN EQUIVALENT DIESEL-POWERED VEHICLE; AND

20 (IV) IS NOT A TAXICAB.

21 ~~(2)~~ (3) “BUS” HAS THE MEANING STATED IN § 11-105 OF THIS
22 ARTICLE.

23 ~~(3)~~ (4) “ZERO-EMISSION BUS” MEANS A MOTOR VEHICLE THAT IS:

24 (I) ~~1.~~ DESIGNED TO CARRY MORE THAN 10 PASSENGERS
25 AND IS USED TO CARRY PASSENGERS FOR COMPENSATION; OR

26 ~~2.~~ ~~DESIGNED AND USED TO CARRY PASSENGERS FOR~~
27 ~~COMPENSATION;~~

28 (II) A ZERO-EMISSION VEHICLE; AND

29 (III) NOT A TAXICAB.

1 ~~(4)~~ (5) “ZERO-EMISSION VEHICLE” MEANS:

2 (I) A FUEL CELL ELECTRIC VEHICLE THAT:

- 3 1. IS A MOTOR VEHICLE;
- 4 2. IS MADE BY A MANUFACTURER;
- 5 3. IS MANUFACTURED PRIMARILY FOR USE ON PUBLIC
6 STREETS, ROADS, AND HIGHWAYS;
- 7 4. HAS A MAXIMUM SPEED CAPABILITY OF AT LEAST 55
8 MILES PER HOUR;
- 9 5. IS POWERED ENTIRELY BY ELECTRICITY, PRODUCED
10 BY COMBINING HYDROGEN AND OXYGEN, THAT RUNS THE MOTOR;

11 6. HAS AN OPERATING RANGE OF AT LEAST 100 MILES;
12 AND

13 7. PRODUCES ONLY WATER VAPOR AND HEAT AS
14 BY-PRODUCTS; OR

15 (II) A PLUG-IN ELECTRIC DRIVE VEHICLE THAT:

- 16 1. IS A MOTOR VEHICLE;
- 17 2. IS MADE BY A MANUFACTURER;
- 18 3. HAS A MAXIMUM SPEED CAPABILITY OF AT LEAST 55
19 MILES PER HOUR; AND
- 20 4. IS PROPELLED ~~TO A SIGNIFICANT EXTENT~~ BY AN
21 ELECTRIC MOTOR THAT DRAWS ELECTRICITY FROM A BATTERY THAT:

22 A. HAS A CAPACITY OF NOT LESS THAN 4
23 KILOWATT-HOURS; AND

24 B. IS CAPABLE OF BEING RECHARGED FROM AN
25 EXTERNAL SOURCE OF ELECTRICITY.

26 (B) (1) THIS SECTION APPLIES TO THE ADMINISTRATION’S STATE
27 TRANSIT BUS FLEET.

1 **(2) THIS SECTION DOES NOT APPLY TO A BUS THAT IS PART OF A**
2 **LOCALLY OPERATED TRANSIT SYSTEM.**

3 **(C) (1) ~~BEGINNING~~ EXCEPT AS PROVIDED IN PARAGRAPH (2) OF THIS**
4 **SUBSECTION, BEGINNING IN FISCAL YEAR 2023, THE ADMINISTRATION MAY NOT**
5 **ENTER INTO A CONTRACT TO PURCHASE BUSES FOR THE ADMINISTRATION'S STATE**
6 **TRANSIT BUS FLEET THAT ARE NOT ZERO-EMISSION BUSES.**

7 **(2) IF THE ADMINISTRATION DETERMINES THAT NO AVAILABLE**
8 **ZERO-EMISSION BUS MEETS THE PERFORMANCE REQUIREMENTS FOR A**
9 **PARTICULAR USE, THE ADMINISTRATION MAY PURCHASE AN ALTERNATIVE-FUEL**
10 **BUS FOR THAT USE.**

11 **~~(2)~~ (3) THE FULL COST OF ZERO-EMISSION AND**
12 **ALTERNATIVE-FUEL BUSES PURCHASED UNDER THIS SUBSECTION SHALL BE PAID**
13 **FROM THE TRANSPORTATION TRUST FUND.**

14 **(D) THE ADMINISTRATION SHALL ENSURE THE DEVELOPMENT OF**
15 **CHARGING INFRASTRUCTURE TO SUPPORT THE OPERATION OF ZERO-EMISSION**
16 **BUSES IN THE STATE TRANSIT BUS FLEET.**

17 **~~(D)~~ (E) (1) ON OR BEFORE JANUARY 1, 2022, AND EACH JANUARY 1**
18 **THEREAFTER, THE ADMINISTRATION SHALL, IN ACCORDANCE WITH § 2-1257 OF**
19 **THE STATE GOVERNMENT ARTICLE, SUBMIT A REPORT TO THE SENATE BUDGET**
20 **AND TAXATION COMMITTEE, THE SENATE EDUCATION, HEALTH, AND**
21 **ENVIRONMENTAL AFFAIRS COMMITTEE, THE HOUSE APPROPRIATIONS**
22 **COMMITTEE, AND THE HOUSE ENVIRONMENT AND TRANSPORTATION COMMITTEE**
23 **ON THE IMPLEMENTATION OF THIS SECTION.**

24 **(2) THE ANNUAL REPORT SHALL INCLUDE:**

25 **(I) A SCHEDULE FOR CONVERTING THE ADMINISTRATION'S**
26 **STATE TRANSIT BUS FLEET TO ZERO-EMISSION BUSES ~~EXCLUSIVELY~~;**

27 **(II) AN EVALUATION OF THE CHARGING INFRASTRUCTURE**
28 **NEEDED FOR THE ADMINISTRATION TO CREATE AND MAINTAIN A STATE TRANSIT**
29 **BUS FLEET OF ZERO-EMISSION BUSES ~~EXCLUSIVELY~~;**

30 **(III) A PLAN FOR TRANSITIONING ANY STATE EMPLOYEES**
31 **ADVERSELY AFFECTED BY THE CONVERSION FROM A DIESEL-POWERED STATE**
32 **TRANSIT BUS FLEET TO A ZERO-EMISSION STATE TRANSIT BUS FLEET TO SIMILAR**
33 **OR OTHER EMPLOYMENT WITHIN THE ADMINISTRATION OR THE DEPARTMENT**
34 **THAT HAS COMMENSURATE SENIORITY, PAY, AND BENEFITS;**

1 **(IV) IN COORDINATION WITH OTHER APPROPRIATE STATE**
 2 **AGENCIES, AN ESTIMATE OF THE REDUCTION IN THE AMOUNT OF CARBON DIOXIDE**
 3 **EMISSIONS, MEASURED IN POUNDS, THAT WILL BE OBTAINED THROUGH THE USE OF**
 4 **ZERO-EMISSION BUSES EACH YEAR UNTIL THE STATE TRANSIT BUS FLEET IS**
 5 **CONVERTED TO ZERO-EMISSION BUSES ~~EXCLUSIVELY~~; AND**

6 **(V) A FINANCIAL ANALYSIS:**

7 **1. OF THE PROJECTED COST OF PURCHASING,**
 8 **MAINTAINING, AND PROVIDING CHARGING INFRASTRUCTURE FOR THE**
 9 **ZERO-EMISSION STATE TRANSIT BUS FLEET EACH YEAR UNTIL THE FLEET IS**
 10 **CONVERTED TO ZERO-EMISSION BUSES ~~EXCLUSIVELY~~; AND**

11 **2. COMPARING THE PROJECTED COST UNDER ITEM 1 OF**
 12 **THIS ITEM TO THE PROJECTED COST OF CONTINUING TO OPERATE A**
 13 **DIESEL-POWERED STATE TRANSIT BUS FLEET.**

14 **Article – Tax – Property**

15 7-237.

16 (a) Except as provided in subsection (b) of this section, personal property is
 17 exempt from property tax if the property is machinery or equipment used to generate:

18 (1) electricity or steam for sale; or

19 (2) hot or chilled water for sale that is used to heat or cool a building.

20 (b) Subject to § 7-514 of this title, **AND EXCEPT AS PROVIDED IN SUBSECTION**
 21 **(C) OF THIS SECTION**, personal property that is machinery or equipment described in
 22 subsection (a) of this section is subject to county or municipal corporation property tax on:

23 (1) 75% of its value for the taxable year beginning July 1, 2000; and

24 (2) 50% of its value for the taxable year beginning July 1, 2001 and each
 25 subsequent taxable year.

26 **(C) PERSONAL PROPERTY IS EXEMPT FROM COUNTY OR MUNICIPAL**
 27 **CORPORATION PROPERTY TAX IF THE PROPERTY IS MACHINERY OR EQUIPMENT**
 28 **THAT:**

29 **(1) IS INSTALLED ON ROOFTOPS, PARKING LOTS, ROADWAYS, OR**
 30 **BROWNFIELDS SITES; AND**

1 **(B) (1) THE DEPARTMENT:**

2 **(I) IS RESPONSIBLE FOR TRACKING THE STATE'S PROGRESS**
3 **TOWARD MEETING THE GOALS ESTABLISHED UNDER SUBSECTION (A) OF THIS**
4 **SECTION; AND**

5 **(II) SHALL SERVE AS THE LEAD AGENCY TO RECEIVE DATA**
6 **FROM:**

7 **1. THE MARYLAND DEPARTMENT OF AGRICULTURE**
8 **REGARDING TREE PLANTINGS ACCOMPLISHED THROUGH THE CONSERVATION**
9 **RESERVE ENHANCEMENT PROGRAM AND OTHER AGRICULTURAL INITIATIVES;**

10 **2. THE DEPARTMENT OF NATURAL RESOURCES**
11 **REGARDING TREE PLANTINGS ACCOMPLISHED THROUGH THE CHESAPEAKE AND**
12 **ATLANTIC COASTAL BAYS 2010 TRUST FUND, THE MEL NOLAND WOODLAND**
13 **INCENTIVES FUND, AND OTHER FORESTRY INITIATIVES; AND**

14 **3. THE CHESAPEAKE BAY TRUST REGARDING TREE**
15 **PLANTINGS ACCOMPLISHED THROUGH THE URBAN TREES PROGRAM.**

16 **(2) (I) THERE IS A 5 MILLION TREE PROGRAM COORDINATOR**
17 **WITHIN THE DEPARTMENT.**

18 **(II) THE PRIMARY RESPONSIBILITY OF THE PROGRAM**
19 **COORDINATOR IS TO PROMOTE, FACILITATE, AND ALIGN THE STATE'S EFFORTS TO**
20 **ACHIEVE THE GOALS ESTABLISHED UNDER SUBSECTION (A)(1) OF THIS SECTION.**

21 **(III) ON OR BEFORE DECEMBER 1 EACH YEAR, THE PROGRAM**
22 **COORDINATOR SHALL:**

23 **1. CONSOLIDATE DATA ON TREE PLANTINGS FROM**
24 **MULTIPLE SOURCES; AND**

25 **2. REPORT, IN ACCORDANCE WITH § 2-1257 OF THE**
26 **STATE GOVERNMENT ARTICLE, TO THE SENATE EDUCATION, HEALTH, AND**
27 **ENVIRONMENTAL AFFAIRS COMMITTEE AND THE HOUSE ENVIRONMENT AND**
28 **TRANSPORTATION COMMITTEE ON THE STATE'S PROGRESS TOWARD MEETING THE**
29 **GOALS ESTABLISHED UNDER SUBSECTION (A) OF THIS SECTION.**

30 **(C) THE GOVERNOR SHALL FORMALLY PLEDGE THE STATE'S COMMITMENT**
31 **TO ACHIEVING THE GOALS ESTABLISHED UNDER SUBSECTION (A) OF THIS SECTION**

1 THROUGH THE U.S. CHAPTER OF THE WORLD ECONOMIC FORUM'S ONE TRILLION
2 TREES INITIATIVE.

3 Article – Natural Resources

4 8–2A–02.

5 (a) There is a Chesapeake and Atlantic Coastal Bays 2010 Trust Fund.

6 (f) (1) The Fund may be used only for the implementation of nonpoint source
7 pollution control projects to:

8 (i) Support State and local watershed implementation plans by
9 targeting limited financial resources on the most effective nonpoint source pollution control
10 projects; and

11 (ii) Improve the health of the Atlantic Coastal Bays and their
12 tributaries.

13 (2) It is the intent of the General Assembly that, when possible, moneys in
14 the Fund shall be granted to local governments and other political subdivisions for
15 agricultural, forestry, stream and wetland restoration, and urban and suburban
16 stormwater nonpoint source pollution control projects, including up to 25% in matching
17 funds to local governments and other political subdivisions that have enacted a stormwater
18 remediation fee under § 4–202.1 of the Environment Article.

19 (3) (I) IN EACH FISCAL YEAR FROM 2022 THROUGH 2030,
20 INCLUSIVE, \$1,250,000 FROM THE FUND SHALL BE USED TO FUND:

21 ~~(H)~~ 1. THE 5 MILLION TREE PROGRAM COORDINATOR
22 POSITION IN THE DEPARTMENT OF THE ENVIRONMENT; AND

23 ~~(H)~~ 2. SUBJECT TO SUBPARAGRAPH (II) OF THIS
24 PARAGRAPH, 13 CONTRACTOR POSITIONS IN THE FOREST SERVICE OF THE
25 DEPARTMENT TO PROVIDE TECHNICAL ASSISTANCE, PLANNING, AND
26 COORDINATION RELATED TO TREE PLANTINGS, TREE BUFFER MANAGEMENT, AND
27 FOREST MANAGEMENT, INCLUDING INVASIVE VINE REMOVAL, ON PUBLIC, PRIVATE,
28 AND AGRICULTURAL LANDS AND IN “UNDERSERVED AREAS” AS DEFINED IN § 8–1911
29 OF THIS ARTICLE.

30 (II) THE DEPARTMENT SHALL MAKE REASONABLE EFFORTS TO
31 ENSURE THAT CONTRACTORS HIRED UNDER SUBPARAGRAPH (I)2 OF THIS
32 PARAGRAPH REFLECT THE GEOGRAPHIC AND DEMOGRAPHIC DIVERSITY OF THE
33 STATE.

34 8–2A–04.

1 (a) The BayStat Program shall direct the administration of the Trust Fund in
2 accordance with this section.

3 (c) (1) The BayStat Program shall distribute funds from the Trust Fund to the
4 BayStat Subcabinet agencies in accordance with the final work and expenditure plans.

5 (2) The BayStat Subcabinet agencies shall administer the funds in
6 accordance with the final work and expenditure plans, including the distribution of funds:

7 (i) Through grants to:

8 1. Counties;

9 2. Bicounty agencies;

10 3. Municipalities;

11 4. Forest conservancy district boards;

12 5. Soil conservation districts;

13 6. Academic institutions; and

14 7. Nonprofit organizations having a demonstrated ability to
15 implement nonpoint source pollution control projects;

16 (ii) To the Chesapeake and Atlantic Coastal Bays Nonpoint Source
17 Fund established under § 9–1605.3 of the Environment Article;

18 (iii) To the Maryland Agricultural Cost–Share Program established
19 under Title 8, Subtitle 7 of the Agriculture Article for nonpoint source pollution control
20 projects; [and]

21 (iv) **TO THE GREEN SHORES PROGRAM ESTABLISHED UNDER §**
22 **5–429 OF THIS ARTICLE; AND**

23 (v) To the Mel Noland Woodland Incentives Fund established under
24 § 5–307 of this article.

25 8–1901.

26 (a) In this part the following words have the meanings indicated.

27 (b) “Board” means the Board of Trustees of the Chesapeake Bay Trust.

28 (c) “Trust” means the Chesapeake Bay Trust.

1 8-1911.

2 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
3 INDICATED.

4 (2) "PROGRAM" MEANS THE URBAN TREES PROGRAM.

5 (3) "QUALIFIED ORGANIZATION" MEANS:

6 (I) A NONPROFIT ORGANIZATION;

7 (II) A SCHOOL;

8 (III) A COMMUNITY ASSOCIATION;

9 (IV) A SERVICE, YOUTH, OR CIVIC GROUP;

10 (V) AN INSTITUTION OF HIGHER EDUCATION;

11 (VI) A COUNTY OR MUNICIPALITY; OR

12 (VII) A FOREST CONSERVANCY DISTRICT BOARD.

13 (4) "UNDERSERVED AREA" MEANS AN AREA OF THE STATE FALLING
14 WITHIN THE BOUNDARIES OF:

15 (I) AN URBAN AREA, AS DELINEATED BY THE UNITED STATES
16 CENSUS BUREAU; AND

17 (II) 1. A NEIGHBORHOOD THAT WAS, AT ANY POINT IN TIME,
18 REDLINED OR GRADED AS "HAZARDOUS" BY THE HOME OWNERS' LOAN
19 CORPORATION;

20 2. A CENSUS TRACT WITH AN AVERAGE RATE OF
21 UNEMPLOYMENT FOR THE MOST RECENT 24-MONTH PERIOD FOR WHICH DATA ARE
22 AVAILABLE THAT EXCEEDS THE AVERAGE RATE OF UNEMPLOYMENT FOR THE
23 STATE; ~~OR~~

24 3. A CENSUS TRACT WITH A MEDIAN HOUSEHOLD
25 INCOME FOR THE MOST RECENT 24-MONTH PERIOD FOR WHICH DATA ARE
26 AVAILABLE THAT IS EQUAL TO OR LESS THAN 75% OF THE MEDIAN HOUSEHOLD
27 INCOME FOR THE STATE DURING THAT PERIOD; OR

1 **4. A HOUSING PROJECT AS DEFINED IN § 12-101 OF THE**
2 **HOUSING AND COMMUNITY DEVELOPMENT ARTICLE.**

3 **(B) THERE IS AN URBAN TREES PROGRAM ADMINISTERED BY THE TRUST.**

4 **(C) THE PURPOSE OF THE PROGRAM IS TO PLANT NATIVE SPECIES OF**
5 **TREES IN UNDERSERVED AREAS, IN FURTHERANCE OF THE GOALS ESTABLISHED**
6 **UNDER § 2-1212 OF THE ENVIRONMENT ARTICLE.**

7 **(D) (1) ~~THE~~ BEGINNING IN FISCAL YEAR 2023, THE TRUST SHALL MAKE**
8 **GRANTS TO QUALIFIED ORGANIZATIONS FOR TREE-PLANTING PROJECTS IN**
9 **UNDERSERVED AREAS.**

10 **(2) ELIGIBLE PROGRAM EXPENSES INCLUDE PERSONNEL COSTS,**
11 **SUPPLIES, SITE PREPARATION, AND OTHER EXPENSES AND MATERIALS RELATED TO**
12 **PLANNING, IMPLEMENTING, AND MAINTAINING TREE-PLANTING PROJECTS IN**
13 **UNDERSERVED AREAS.**

14 **(3) IN AWARDING PROGRAM GRANTS UNDER THIS SECTION, THE**
15 **TRUST SHALL PRIORITIZE:**

16 **(I) GRANT APPLICATIONS FROM QUALIFIED ORGANIZATIONS**
17 **LOCATED IN THE UNDERSERVED AREAS WHERE THE PROPOSED TREE-PLANTING**
18 **PROJECTS WILL BE IMPLEMENTED; AND**

19 **(II) GRANT APPLICATIONS THAT INCLUDE PLANS FOR**
20 **ENGAGING INDIVIDUALS, ORGANIZATIONS, OR BUSINESSES LOCATED IN**
21 **UNDERSERVED AREAS TO IMPLEMENT AND MAINTAIN TREE-PLANTING PROJECTS**
22 **IN THEIR COMMUNITIES.**

23 **(E) (1) THE PROGRAM SHALL BE FUNDED WITH:**

24 **(I) THE AMOUNT SPECIFIED IN § 9-1605.2(I)(11)(I) OF THE**
25 **ENVIRONMENT ARTICLE; AND**

26 **(II) ANY ADDITIONAL FUNDS THAT MAY BE ALLOCATED BY THE**
27 **TRUST THROUGH ITS ANNUAL BUDGET PROCESS.**

28 **(2) THE TRUST SHALL SEEK FEDERAL FUNDS AND GRANTS AND**
29 **DONATIONS FROM PRIVATE SOURCES TO BE MADE TO THE TRUST FOR THE PURPOSE**
30 **OF THE PROGRAM.**

31 **(F) A GRANT AGREEMENT REGARDING FUNDS FROM THE TRUST FOR THE**
32 **PROGRAM SHALL:**

1 **(11) (I) IN FISCAL YEARS ~~2022 THROUGH 2030~~ 2023 THROUGH 2031**
2 **THE DEPARTMENT SHALL TRANSFER FROM THE BAY RESTORATION FUND:**

3 **1. \$10,000,000 PER FISCAL YEAR TO THE CHESAPEAKE**
4 **BAY TRUST FOR THE URBAN TREES PROGRAM ESTABLISHED UNDER § 8-1911 OF**
5 **THE NATURAL RESOURCES ARTICLE;**

6 **2. \$2,500,000 PER FISCAL YEAR TO THE CHESAPEAKE**
7 **AND ATLANTIC COASTAL BAYS 2010 TRUST FUND IN THE DEPARTMENT OF**
8 **NATURAL RESOURCES, TO BE USED, SUBJECT TO THE REQUIREMENTS OF**
9 **SUBPARAGRAPH (II) OF THIS PARAGRAPH, FOR TREE PLANTING ON PUBLIC AND**
10 **PRIVATE LAND; AND**

11 **3. \$2,500,000 PER FISCAL YEAR TO THE MARYLAND**
12 **DEPARTMENT OF AGRICULTURE TO FUND TREE PLANTINGS UNDER THE**
13 **CONSERVATION RESERVE ENHANCEMENT PROGRAM IN ACCORDANCE WITH §**
14 **8-706 OF THE AGRICULTURE ARTICLE AND OTHER TREE-PLANTING PROGRAMS ON**
15 **AGRICULTURAL LAND.**

16 **(II) FUNDS TRANSFERRED TO THE CHESAPEAKE AND**
17 **ATLANTIC COASTAL BAYS 2010 TRUST FUND UNDER SUBPARAGRAPH (I)2 OF THIS**
18 **PARAGRAPH:**

19 **1. MAY BE DISTRIBUTED IN ACCORDANCE WITH §**
20 **8-2A-04(C)(2) OF THE NATURAL RESOURCES ARTICLE;**

21 **2. MAY BE USED TO COVER THE COSTS OF:**

22 **A. SITE PREPARATION, LABOR, AND MATERIALS FOR**
23 **TREE-PLANTING PROJECTS;**

24 **B. MAINTAINING TREES FOLLOWING A TREE-PLANTING**
25 **PROJECT; AND**

26 **C. LANDOWNER INCENTIVE PAYMENTS OR SIGNING**
27 **BONUSES OF UP TO \$1,000 PER ACRE OF TREES PLANTED;**

28 **3. MAY NOT BE USED TO PLANT TREES INTENDED FOR**
29 **TIMBER HARVEST; AND**

30 **4. MAY BE USED ONLY FOR TREE PLANTINGS ON**
31 **PRIVATE LAND IF THE LANDOWNER ENTERS INTO A BINDING LEGAL AGREEMENT TO**
32 **MAINTAIN THE PLANTED AREA IN TREE COVER FOR AT LEAST 15 YEARS.**

1 **(III) FUNDS TRANSFERRED FROM THE BAY RESTORATION FUND**
2 **UNDER THIS PARAGRAPH ARE SUPPLEMENTAL TO AND MAY NOT TAKE THE PLACE**
3 **OF FUNDING THAT OTHERWISE WOULD BE APPROPRIATED FOR THE PROGRAMS AND**
4 **INITIATIVES SPECIFIED IN SUBPARAGRAPH (I) OF THIS PARAGRAPH.**

5 SECTION 6. AND BE IT FURTHER ENACTED, That the Laws of Maryland read
6 as follows:

7 **Article – Environment**

8 9–1605.2.

9 (i) (1) In this subsection, “eligible costs” means the additional costs that would
10 be attributable to upgrading a wastewater facility to enhanced nutrient removal, as
11 determined by the Department.

12 (2) Funds in the Bay Restoration Fund shall be used only:

13 (xi) Subject to the allocation of funds and the conditions under
14 subsection (h) of this section, for projects related to the removal of nitrogen from on-site
15 sewage disposal systems and cover crop activities; [and]

16 (xii) For costs associated with the implementation of alternate
17 compliance plans authorized in § 4–202.1(k)(3) of this article; AND

18 **(XIII) AFTER FUNDING ANY ELIGIBLE COSTS IDENTIFIED UNDER**
19 **ITEM (IV)1 AND 2 OF THIS PARAGRAPH, FOR THE TRANSFERS REQUIRED UNDER**
20 **PARAGRAPH (10) OF THIS SUBSECTION.**

21 **(10) (I) IN FISCAL YEARS ~~2022 THROUGH 2030~~ 2023 THROUGH 2031**
22 **THE DEPARTMENT SHALL TRANSFER FROM THE BAY RESTORATION FUND:**

23 **1. \$10,000,000 PER FISCAL YEAR TO THE CHESAPEAKE**
24 **BAY TRUST FOR THE URBAN TREES PROGRAM ESTABLISHED UNDER § 8–1911 OF**
25 **THE NATURAL RESOURCES ARTICLE;**

26 **2. \$2,500,000 PER FISCAL YEAR TO THE CHESAPEAKE**
27 **AND ATLANTIC COASTAL BAYS 2010 TRUST FUND IN THE DEPARTMENT OF**
28 **NATURAL RESOURCES, TO BE USED, SUBJECT TO THE REQUIREMENTS OF**
29 **SUBPARAGRAPH (II) OF THIS PARAGRAPH, FOR TREE PLANTING ON PUBLIC AND**
30 **PRIVATE LAND; AND**

31 **3. \$2,500,000 PER FISCAL YEAR TO THE MARYLAND**
32 **DEPARTMENT OF AGRICULTURE TO FUND TREE PLANTINGS UNDER THE**

1 CONSERVATION RESERVE ENHANCEMENT PROGRAM IN ACCORDANCE WITH §
2 8-706 OF THE AGRICULTURE ARTICLE AND OTHER TREE-PLANTING PROGRAMS ON
3 AGRICULTURAL LAND.

4 (II) FUNDS TRANSFERRED TO THE CHESAPEAKE AND
5 ATLANTIC COASTAL BAYS 2010 TRUST FUND UNDER SUBPARAGRAPH (I)2 OF THIS
6 PARAGRAPH:

7 1. MAY BE DISTRIBUTED IN ACCORDANCE WITH §
8 8-2A-04(C)(2) OF THE NATURAL RESOURCES ARTICLE;

9 2. MAY BE USED TO COVER THE COSTS OF:

10 A. SITE PREPARATION, LABOR, AND MATERIALS FOR
11 TREE-PLANTING PROJECTS;

12 B. MAINTAINING TREES FOLLOWING A PLANTING
13 PROJECT; AND

14 C. LANDOWNER INCENTIVE PAYMENTS OR SIGNING
15 BONUSES OF UP TO \$1,000 PER ACRE OF TREES PLANTED;

16 3. MAY NOT BE USED TO PLANT TREES INTENDED FOR
17 TIMBER HARVEST; AND

18 4. MAY BE USED ONLY FOR TREE PLANTINGS ON
19 PRIVATE LAND IF THE LANDOWNER ENTERS INTO A BINDING LEGAL AGREEMENT TO
20 MAINTAIN THE PLANTED AREA IN TREE COVER FOR AT LEAST 15 YEARS.

21 (III) FUNDS TRANSFERRED FROM THE BAY RESTORATION FUND
22 UNDER THIS PARAGRAPH ARE SUPPLEMENTAL TO AND MAY NOT TAKE THE PLACE
23 OF FUNDING THAT OTHERWISE WOULD BE APPROPRIATED FOR THE PROGRAMS AND
24 INITIATIVES SPECIFIED IN SUBPARAGRAPH (I) OF THIS PARAGRAPH.

25 SECTION 7. AND BE IT FURTHER ENACTED, That:

26 (a) There is a Commission for the Innovation and Advancement of Carbon
27 Markets and Sustainable Tree Plantings.

28 (b) The Commission consists of the following members:

29 (1) the Secretary of the Environment, or the Secretary's designee;

30 (2) the Secretary of Natural Resources, or the Secretary's designee;

1 (3) the Secretary of Agriculture, or the Secretary's designee;

2 (4) the State Treasurer, or the State Treasurer's designee;

3 (5) one representative of the Maryland Association of Counties, selected by
4 the Maryland Association of Counties;

5 (6) one representative of the Maryland Municipal League, selected by the
6 Maryland Municipal League;

7 (7) one representative of the Commission on Environmental Justice and
8 Sustainable Communities, appointed by the Commission on Environmental Justice and
9 Sustainable Communities;

10 (8) one representative of the Chesapeake Bay Foundation, appointed by
11 the Chesapeake Bay Foundation;

12 (9) one representative of the Maryland League of Conservation Voters,
13 appointed by the Maryland League of Conservation Voters;

14 (10) one representative of Blue Water Baltimore, appointed by Blue Water
15 Baltimore;

16 (11) one representative of the Maryland Chapter of the Nature
17 Conservancy, selected by the Maryland Chapter of the Nature Conservancy;

18 (12) one representative of the Maryland Farm Bureau, selected by the
19 Maryland Farm Bureau;

20 (13) one researcher from the University of Maryland, College Park, who has
21 expertise in forestry-based carbon sequestration, selected by the President of the
22 University of Maryland, College Park;

23 (14) one representative of Patapsco Heritage Greenway, selected by
24 Patapsco Heritage Greenway; and

25 (15) the President of the Maryland Forestry Foundation, or the President's
26 designee.

27 (c) The Secretary of the Environment, or the Secretary's designee, shall chair the
28 Commission.

29 (d) The Department of the Environment and, as necessary, the Department of
30 Natural Resources shall provide staff for the Commission.

31 (e) A member of the Commission:

- 1 (1) may not receive compensation as a member of the Commission; but
- 2 (2) is entitled to reimbursement for expenses under the Standard State
3 Travel Regulations, as provided in the State budget.
- 4 (f) (1) The Commission shall develop:
- 5 (i) a plan to achieve the State’s carbon mitigation goal of planting
6 5,000,000 native trees by 2030 in accordance with § 2–1212 of the Environment Article, as
7 enacted by Section 4 of this Act;
- 8 (ii) a plan to ensure that trees planted under this Act are properly
9 maintained;
- 10 (iii) recommendations regarding the establishment of a
11 Maryland–based carbon offset market to support the State’s tree–planting goals; and
- 12 (iv) recommendations on reviewing State policies to reduce and fully
13 mitigate the clearing of trees during the construction of State highways and other
14 transportation projects.
- 15 (2) The plans and recommendations shall include:
- 16 (i) science–based guidelines to inform a State strategy for using
17 trees to maximize carbon sequestration, mitigate heat deserts, and improve water and air
18 quality;
- 19 (ii) recommendations regarding potential planting sites, including
20 the impact that planting trees at these sites will have on agricultural and other private
21 land and associated ecological services;
- 22 (iii) a strategy for ensuring that at least 500,000 trees are planted in
23 underserved areas, in accordance with § 2–1212 of the Environment Article, as enacted by
24 Section 4 of this Act;
- 25 (iv) a list of native tree species that will be planted;
- 26 (v) a review of existing programs and current resource capacity for
27 tree plantings;
- 28 (vi) a plan for expanding or creating new capacities necessary to
29 achieve the State’s tree–planting goals;
- 30 (vii) an analysis of trees scheduled to be cut down and the impact that
31 will have on carbon sequestration;

1 (viii) an overview and analysis of logistical and policy barriers to
2 achieving the State's tree-planting goals;

3 (ix) a plan for seeking private capital to support tree plantings and
4 forest conservation in the State;

5 (x) a plan for establishing a State-based carbon offset market to
6 support the State's tree-planting goals;

7 (xi) recommendations for policy changes necessary to facilitate the
8 use of the Water Quality Revolving Loan Fund and Environmental Impact Bonds for tree
9 plantings; and

10 (xii) a plan for reviewing future transportation procurement to
11 minimize and fully mitigate tree clearing.

12 (g) On or before October 31, 2022, the Commission shall report its plan and
13 recommendations to the Governor and, in accordance with § 2-1257 of the State
14 Government Article, the General Assembly.

15 SECTION 8. AND BE IT FURTHER ENACTED, That, subject to the availability of
16 funding in the climate solutions account of the Strategic Energy Investment Fund, in fiscal
17 years 2022 through 2030, inclusive, the Governor shall appropriate \$6,000,000 per fiscal
18 year from the account to the Net-Zero School Loan Fund.

19 SECTION 9. AND BE IT FURTHER ENACTED, That Section 2 of this Act shall take
20 effect June 1, 2021. It shall remain effective for a period of 4 years and 1 month and, at the
21 end of June 30, 2025, Section 2 of this Act, with no further action required by the General
22 Assembly, shall be abrogated and of no further force and effect.

23 SECTION 10. AND BE IT FURTHER ENACTED, That Section 4 of this Act shall
24 take effect June 1, 2021. It shall remain effective for a period of ~~9~~ 10 years and 1 month
25 and, at the end of June 30, ~~2030~~ 2031, Section 4 of this Act, with no further action required
26 by the General Assembly, shall be abrogated and of no further force and effect.

27 SECTION 11. AND BE IT FURTHER ENACTED, That Section 6 of this Act shall
28 take effect on the taking effect of the termination provision specified in Section 5 of
29 Chapters 366 and 367 of the Acts of the General Assembly of 2017. If that termination
30 provision takes effect, Section ~~6~~ 5 of this Act, with no further action required by the General
31 Assembly, shall be abrogated and of no further force and effect. This Act may not be
32 interpreted to have any effect on that termination provision.

33 SECTION 12. AND BE IT FURTHER ENACTED, That Section 7 of this Act shall
34 take effect June 1, 2021. It shall remain effective for a period of 2 years and 1 month and,
35 at the end of June 30, 2023, Section 7 of this Act, with no further action required by the
36 General Assembly, shall be abrogated and of no further force and effect.

1 SECTION 13. AND BE IT FURTHER ENACTED, That, except as provided in
2 Sections 9 through 12 of this Act, this Act shall take effect June 1, 2021.

Approved:

Governor.

President of the Senate.

Speaker of the House of Delegates.