

**SB0528/493028/1**

BY: Environment and Transportation Committee

AMENDMENTS TO SENATE BILL 528  
(Third Reading File Bill)

AMENDMENT NO. 1

On page 1, in line 15, after “Fund;” insert “requiring the Department of the Environment, in coordination with the Public Service Commission and the Maryland Energy Administration, to coordinate with certain utility providers to apply for and access certain federal funds;”; and strike beginning with “requiring” in line 16 down through “landfills;” in line 19.

On pages 1 and 2, strike beginning with “to” in line 22 on page 1 down through “study” in line 1 on page 2 and substitute “, the Energy Industry Revitalization Working Group, the Energy Resilience and Efficiency Working Group, and the Solar Photovoltaic Systems Recovery, Reuse, and Recycling Working Group”.

On page 2, strike beginning with “establishing” in line 4 down through “Program” in line 5 and substitute “establishing labor standards for contractors and subcontractors participating in certain projects undertaken by investor-owned electric companies or gas and electric companies; altering the scope of the Chesapeake Conservation Corps Program and the membership of the Advisory Board of the Corps Program”; strike beginning with “adopt” in line 6 down through “code” in line 8 and substitute “update the Maryland Building Performance Standards”; in line 8, strike “altering the duties of the Maryland Green Building Council;” and substitute “altering certain percentages and purposes for certain targeted electricity reductions in certain years; establishing an electric school bus pilot program; requiring the Public Service Commission to implement and administer the pilot program; authorizing investor-owned electric companies to apply to the Public Service Commission to implement an electric school bus pilot program with a participating school system if the pilot program meets certain standards; authorizing investor-owned electric companies to recover certain costs under the pilot program, subject to the approval of the Public Service Commission;”

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establishing certain State policy goals with regard to the State’s electric distribution system; requiring the Public Service Commission and the Maryland Energy Administration to provide assistance and support to electric companies for applying for and obtaining access to certain federal funds to meet the State’s policy goals for the electric distribution system; requiring the Maryland Energy Administration to identify certain funding sources; requiring certain electric companies to report to the Public Service Commission and the Maryland Energy Administration on certain funding information;”; strike beginning with “establishing” in line 10 down through “Fund;” in line 12; in lines 16 and 17, in each instance, strike “change” and substitute “impacts”; and in line 16, after “State;” insert “requiring the Maryland Green Building Council to examine and report on specified items relating to the procurement of concrete by the State;”.

On page 3, strike in their entirety lines 11 through 15, inclusive; in line 24, after “Section” insert “1-205;”; strike beginning with the semicolon in line 24 down through “2-409” in line 25; and in line 26, after “2-1303.1” insert “, 2-1303.2, 2-1303.3, 2-1303.4”.

On page 4, after line 5, insert:

“BY adding to

Article – Labor and Employment

Section 3-416

Annotated Code of Maryland

(2016 Replacement Volume and 2021 Supplement)

BY repealing and reenacting, with amendments,

Article – Natural Resources

Section 8-1913, 8-1914, 8-1915(a)(2), 8-1920, and 8-1921

Annotated Code of Maryland

(2012 Replacement Volume and 2021 Supplement)

BY repealing and reenacting, without amendments,

Article – Natural Resources

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Section 8-1915(a)(1)  
Annotated Code of Maryland  
(2012 Replacement Volume and 2021 Supplement)

BY adding to  
Article – Natural Resources  
Section 8-1923.1  
Annotated Code of Maryland  
(2012 Replacement Volume and 2021 Supplement)”;

after line 20, insert:

“BY adding to  
Article – Public Utilities  
Section 7-217; and 7-801 through 7-804 to be under the new subtitle “Subtitle  
8. Electric Distribution System Planning”  
Annotated Code of Maryland  
(2020 Replacement Volume and 2021 Supplement)”;

strike lines 21 through 25 in their entirety; in line 28, strike “3-602.4.”; in the same line, strike “and 147.”; after line 35, insert:

“BY repealing and reenacting, with amendments,  
Article – State Finance and Procurement  
Section 6-226(a)(2)(ii)144. and 145.  
Annotated Code of Maryland  
(2021 Replacement Volume)”;

and in line 38, strike “and 9-2011”.

AMENDMENT NO. 2

On page 5, strike in their entirety lines 22 through 24, inclusive.

On pages 22 through 24, strike in their entirety the lines beginning with line 30 on page 22 through line 16 on page 24.

(Over)

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On page 24, after line 25, insert:

“2-1204.1.

The State shall reduce statewide greenhouse gas emissions by [40%] 60% from 2006 levels by [2030] 2031.”;

and in line 31, strike “2030” and substitute “2031”.

On page 25, in line 8, strike “2030” and substitute “2031”; and in line 28, after “CAPTURE” insert “, ELECTRIC DISTRIBUTION AND TRANSMISSION INFRASTRUCTURE IMPROVEMENTS,”.

On page 26, after line 4, insert:

“(4) SHALL INCLUDE POLICY RECOMMENDATIONS TO ENSURE THE CONTINUED OPERATION OF MARYLAND’S EXISTING ZERO CARBON EMISSION ELECTRIC GENERATORS THROUGH CURRENT OPERATING LICENSES;”;

and in lines 5 and 8, strike “(4)” and “(5)”, respectively, and substitute “(5)” and “(6)”, respectively.

On page 28, in line 5, strike the first comma and substitute “AND”; in the same line, strike “CHANGE,”; in the same line, strike “AND ENVIRONMENTAL JUSTICE”; in line 24, strike “AND”; and in line 26, after “GROUP” insert “;”

(6) SUBJECT TO § 2-1303.2 OF THIS SUBTITLE, AN ENERGY INDUSTRY REVITALIZATION WORKING GROUP;

**(7) SUBJECT TO § 2-1303.3 OF THIS SUBTITLE, AN ENERGY RESILIENCE AND EFFICIENCY WORKING GROUP; AND**

**(8) SUBJECT TO § 2-1303.4 OF THIS SUBTITLE, A SOLAR PHOTOVOLTAIC SYSTEMS RECOVERY, REUSE, AND RECYCLING WORKING GROUP**".

On page 32, in lines 5 and 9, in each instance, strike "CHANGE" and substitute "IMPACTS"; and after line 18, insert:

**"2-1303.2.**

**(A) IN THIS SECTION, "WORKING GROUP" MEANS THE ENERGY INDUSTRY REVITALIZATION WORKING GROUP OF THE COMMISSION.**

**(B) THE COMMISSION SHALL ESTABLISH AN ENERGY INDUSTRY REVITALIZATION WORKING GROUP.**

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

**(1) ONE MEMBER OF THE SENATE OF MARYLAND, APPOINTED BY THE PRESIDENT OF THE SENATE;**

**(2) ONE MEMBER OF THE HOUSE OF DELEGATES, APPOINTED BY THE SPEAKER OF THE HOUSE;**

**(3) THE SECRETARY, OR THE SECRETARY'S DESIGNEE;**

**(4) THE SECRETARY OF COMMERCE, OR THE SECRETARY'S DESIGNEE;**

(Over)

**(5) ONE REPRESENTATIVE OF THE NATIONAL FEDERATION OF INDEPENDENT BUSINESS, SELECTED BY THE STATE DIRECTOR OF THE NATIONAL FEDERATION OF INDEPENDENT BUSINESS;**

**(6) ONE REPRESENTATIVE OF THE MARYLAND CHAMBER OF COMMERCE, SELECTED BY THE PRESIDENT AND CEO OF THE MARYLAND CHAMBER OF COMMERCE;**

**(7) ONE REPRESENTATIVE OF THE MARYLAND SMALL BUSINESS DEVELOPMENT CENTER, SELECTED BY THE REGIONAL DIRECTORS OF THE MARYLAND SMALL BUSINESS DEVELOPMENT CENTER; AND**

**(8) SIX REPRESENTATIVES OF THE ENERGY INDUSTRY, INCLUDING:**

**(I) TWO REPRESENTATIVES SELECTED BY THE SECRETARY;**

**(II) TWO REPRESENTATIVES SELECTED BY THE PUBLIC SERVICE COMMISSION; AND**

**(III) TWO REPRESENTATIVES SELECTED BY THE DIRECTOR OF THE MARYLAND ENERGY ADMINISTRATION.**

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

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

**(F) A MEMBER OF THE WORKING GROUP:**

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

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

**(G) THE WORKING GROUP SHALL:**

**(1) ADVISE THE COMMISSION ON ISSUES AND OPPORTUNITIES RELATED TO SMALL BUSINESS REVITALIZATION AND THE TRANSITION TO RENEWABLE ENERGY'S EFFECTS ON SMALL BUSINESSES;**

**(2) CONDUCT A STUDY OF THE IMPACTS OF TRANSITIONING TO RENEWABLE ENERGY; AND**

**(3) INCLUDE IN THE STUDY:**

**(i) THE NUMBER OF SMALL BUSINESSES IMPACTED BY THE TRANSITION TO RENEWABLE ENERGY;**

**(ii) THE PROJECTED COST OF TRANSITIONING EXISTING SMALL BUSINESSES TO RENEWABLE ENERGY;**

**(iii) THE ECONOMIC IMPACT OF THE TRANSITION TO RENEWABLE ENERGY AND NEW ENERGY SOURCES, INCLUDING SUPPLY CHAIN IMPACTS;**

(Over)

(IV) AN ANALYSIS THAT IDENTIFIES ENERGY GENERATING FACILITIES THAT MAY CLOSE AS A RESULT OF A TRANSITION TO RENEWABLE ENERGY, INCLUDING ISSUES AND OPPORTUNITIES RELATED TO REPURPOSING THE SITES; AND

(V) AN ANALYSIS THAT IDENTIFIES OR ESTIMATES, TO THE EXTENT PRACTICABLE:

1. THE TIMING AND LOCATION OF FACILITY CLOSURES AND LAYOFFS IN NONRENEWABLE ENERGY INDUSTRIES;

2. THE IMPACT OF FACILITY CLOSURES AND LAYOFFS ON AFFECTED WORKERS, BUSINESSES, AND COMMUNITIES; AND

3. HOW THE COMMISSION CAN MOST EFFECTIVELY RESPOND TO THE IMPACT OF FACILITY CLOSURES AND LAYOFFS, INCLUDING THE POTENTIAL TO:

A. COMPENSATE BUSINESSES THAT CLOSED DUE TO THE EFFECTS OF THE TRANSITION TO RENEWABLE ENERGY; AND

B. INCENTIVIZE BUSINESSES TO TRANSITION TO RENEWABLE ENERGY THROUGH SUBSIDIES.

(H) ON OR BEFORE DECEMBER 31, 2023, THE WORKING GROUP SHALL REPORT TO THE COMMISSION AND, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, THE GENERAL ASSEMBLY ON THE FINDINGS OF THE STUDY REQUIRED UNDER SUBSECTION (G) OF THIS SECTION.



2-1303.3.

(A) IN THIS SECTION, "WORKING GROUP" MEANS THE ENERGY RESILIENCE AND EFFICIENCY WORKING GROUP OF THE COMMISSION.

(B) THE COMMISSION SHALL ESTABLISH AN ENERGY RESILIENCE AND EFFICIENCY WORKING GROUP.

(C) THE WORKING GROUP SHALL INCLUDE:

(1) ONE MEMBER OF THE SENATE OF MARYLAND, APPOINTED BY THE PRESIDENT OF THE SENATE;

(2) ONE MEMBER OF THE HOUSE OF DELEGATES, APPOINTED BY THE SPEAKER OF THE HOUSE;

(3) THE SECRETARY, OR THE SECRETARY'S DESIGNEE;

(4) THE DIRECTOR OF THE MARYLAND ENERGY ADMINISTRATION;

(5) THREE REPRESENTATIVES OF THE NUCLEAR ENERGY INDUSTRY, SELECTED BY THE DIRECTOR OF THE MARYLAND ENERGY ADMINISTRATION;

(6) THREE REPRESENTATIVES OF THE ENERGY TRANSMISSION INFRASTRUCTURE INDUSTRY, SELECTED BY THE PUBLIC SERVICE COMMISSION;  
AND

(Over)

**(7) THREE REPRESENTATIVES OF THE ENERGY STORAGE AND BACKUP INDUSTRY, SELECTED BY THE SECRETARY.**

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

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

**(F) A MEMBER OF THE WORKING GROUP:**

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

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

**(G) THE WORKING GROUP SHALL:**

**(1) ADVISE THE COMMISSION ON ISSUES AND OPPORTUNITIES RELATED TO ENERGY INFRASTRUCTURE IMPROVEMENTS, TRANSMISSION EFFICIENCY IMPROVEMENTS, AND BATTERY BACKUP VIABILITY; AND**

**(2) CONDUCT A STUDY OF:**

**(I) METHODS FOR THE STATE TO ENCOURAGE ELECTRICITY STORAGE TECHNOLOGY RESEARCH;**

**(II) METHODS OF INCREASING THE SECURITY OF THE ELECTRICITY GRID BY SUPPORTING DISTRIBUTED RENEWABLE ENERGY**

PROJECTS AND ENERGY STORAGE WITH THE POTENTIAL TO SUPPLY ELECTRIC ENERGY TO CRITICAL FACILITIES DURING A WIDESPREAD POWER OUTAGE;

(III) POTENTIAL ELECTRIC GRID DISTRIBUTION TRANSFORMATION PROJECTS;

(IV) THE POTENTIAL TO DEVELOP CLEAN ENERGY RESOURCES ON PREVIOUSLY DEVELOPED PROJECT SITES; AND

(V) THE LIFESPAN AND VIABILITY OF ENERGY FACILITIES IN THE STATE THAT DO NOT EMIT GREENHOUSE GAS, INCLUDING:

1. SOLAR ENERGY GENERATING FACILITIES;
2. NUCLEAR ENERGY GENERATING FACILITIES;
3. WIND ENERGY GENERATING FACILITIES;
4. GEOTHERMAL ENERGY GENERATING FACILITIES;
5. HYDROELECTRIC ENERGY GENERATING FACILITIES; AND
6. BIOFUEL ENERGY GENERATING FACILITIES.

(H) ON OR BEFORE DECEMBER 31, 2023, THE WORKING GROUP SHALL REPORT TO THE COMMISSION AND, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, THE GENERAL ASSEMBLY ON THE FINDINGS OF THE STUDY REQUIRED UNDER SUBSECTION (G)(2) OF THIS SECTION.

2-1303.4.

(A) IN THIS SECTION, "WORKING GROUP" MEANS THE SOLAR PHOTOVOLTAIC SYSTEMS RECOVERY, REUSE, AND RECYCLING WORKING GROUP OF THE COMMISSION.

(B) THE COMMISSION SHALL ESTABLISH A SOLAR PHOTOVOLTAIC SYSTEMS RECOVERY, REUSE, AND RECYCLING WORKING GROUP.

(C) THE WORKING GROUP SHALL INCLUDE:

(1) ONE MEMBER OF THE SENATE OF MARYLAND, APPOINTED BY THE PRESIDENT OF THE SENATE;

(2) ONE MEMBER OF THE HOUSE OF DELEGATES, APPOINTED BY THE SPEAKER OF THE HOUSE;

(3) THE SECRETARY, OR THE SECRETARY'S DESIGNEE;

(4) THE DIRECTOR OF THE MARYLAND ENERGY ADMINISTRATION, OR THE DIRECTOR'S DESIGNEE;

(5) THE SECRETARY OF NATURAL RESOURCES, OR THE SECRETARY'S DESIGNEE;

(6) ONE REPRESENTATIVE OF THE PUBLIC SERVICE COMMISSION, SELECTED BY THE CHAIR OF THE COMMISSION;

(7) ONE REPRESENTATIVE OF THE CHESAPEAKE CLIMATE ACTION NETWORK, SELECTED BY THE CHESAPEAKE CLIMATE ACTION NETWORK;

(8) THE FOLLOWING MEMBERS, APPOINTED BY THE GOVERNOR:

(I) ONE REPRESENTATIVE OF AN INVESTOR-OWNED ELECTRIC COMPANY WITH CUSTOMERS IN THE STATE;

(II) ONE REPRESENTATIVE OF THE UTILITY-SCALE SOLAR INDUSTRY;

(III) ONE REPRESENTATIVE OF THE COMMUNITY SOLAR ENERGY INDUSTRY;

(IV) ONE REPRESENTATIVE OF THE DISTRIBUTED GENERATION SOLAR INDUSTRY;

(V) ONE REPRESENTATIVE WITH EXPERTISE IN SOLAR PHOTOVOLTAIC SYSTEMS RECOVERY, REUSE, AND RECYCLING; AND

(VI) ONE INDIVIDUAL WITH EXPERTISE IN DECOMMISSIONING ENERGY-RELATED PROJECTS; AND

(9) ANY OTHER INDIVIDUAL IDENTIFIED BY THE COMMISSION.

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

(Over)

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

**(F) A MEMBER OF THE WORKING GROUP:**

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

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

**(G) THE WORKING GROUP SHALL:**

**(1) REVIEW SOLAR PHOTOVOLTAIC SYSTEMS CURRENTLY USED IN THE STATE, INCLUDING:**

**(i) EXAMINING THE EXPECTED ECONOMICALLY PRODUCTIVE LIFE CYCLE OF THE SYSTEMS;**

**(ii) REVIEWING THE MATERIALS THAT ARE USED, HAVE BEEN USED, OR MAY BE USED IN SOLAR PHOTOVOLTAIC SYSTEMS SOLD IN THE STATE, INCLUDING IDENTIFYING MATERIALS THAT CAN BE RECYCLED OR THAT EXHIBIT ANY CHARACTERISTICS OF HAZARDOUS WASTE UNDER STATE OR FEDERAL LAW; AND**

**(iii) IDENTIFYING THE NUMBER OF SOLAR PHOTOVOLTAIC SYSTEMS IN USE AND ESTIMATING THE POTENTIAL IMPACTS ON THE STATE'S LANDFILL CAPACITY OF DISPOSING THE SYSTEMS IN THE STATE'S LANDFILLS;**

(2) REVIEW OTHER PROGRAMS ON SOLAR PHOTOVOLTAIC SYSTEMS RECYCLING, DISPOSAL, AND DECOMMISSIONING;

(3) IDENTIFY ONGOING AND RECENT STUDIES RELATED TO SOLAR PHOTOVOLTAIC SYSTEMS RECYCLING, LIFE-CYCLE ANALYSIS, AND END-OF-LIFE PROGRAMS;

(4) REVIEW INDUSTRY-APPROVED BEST PRACTICES FOR MANAGING END-OF-LIFE SOLAR PHOTOVOLTAIC SYSTEMS AND THEIR COMPONENTS, INCLUDING THE EXTENT TO WHICH THE SYSTEMS AND COMPONENTS MAY BE:

(I) IF NOT DAMAGED OR IN NEED OF REPAIR, REUSED FOR A SIMILAR PURPOSE;

(II) IF NOT SUBSTANTIALLY DAMAGED, REFURBISHED AND REUSED FOR A SIMILAR PURPOSE;

(III) RECYCLED AND THE COMPONENTS RECOVERED FOR REUSE;

(IV) FOR COMPONENTS THAT DO NOT EXHIBIT ANY CHARACTERISTICS OF HAZARDOUS WASTE UNDER STATE OR FEDERAL LAW, SAFELY DISPOSED OF IN A CONSTRUCTION AND DEMOLITION OR MUNICIPAL SOLID WASTE LANDFILL; AND

(V) FOR COMPONENTS THAT EXHIBIT ANY CHARACTERISTICS OF HAZARDOUS WASTE UNDER STATE OR FEDERAL LAW,

(Over)

SAFELY DISPOSED OF IN ACCORDANCE WITH STATE AND FEDERAL REQUIREMENTS;

(5) PERFORM AN ECONOMIC ANALYSIS TO DETERMINE THE POTENTIAL IMPACT OF SOLAR PHOTOVOLTAIC SYSTEMS RECOVERY, REUSE, AND RECYCLING ON RATEPAYERS, INCLUDING A COMPARISON TO THE ECONOMIC IMPACT ON RATEPAYERS OF DECOMMISSIONING, STORING WASTE, AND OTHER COSTS ASSOCIATED WITH THE END OF LIFE OF OTHER FORMS OF ENERGY GENERATION;

(6) PERFORM AN IMPACT ASSESSMENT TO EXAMINE THE ENVIRONMENTAL IMPACTS OF VARIOUS SOLAR PHOTOVOLTAIC SYSTEMS' END-OF-LIFE SCENARIOS, INCLUDING THE SCENARIOS SPECIFIED UNDER ITEM (4) OF THIS SUBSECTION, COMPARED TO THE LIFE-CYCLE ENVIRONMENTAL IMPACTS OF NONSOLAR ENERGY GENERATION SOURCES IN THE STATE, INCLUDING THE ENVIRONMENTAL IMPACTS OF DECOMMISSIONING, DISPOSAL, AND LONG-TERM WASTE STORAGE;

(7) PERFORM AN IMPACT ASSESSMENT TO EXAMINE THE ENVIRONMENTAL AND ECONOMIC BENEFITS OF GENERATING ENERGY FROM SOLAR PHOTOVOLTAIC SYSTEMS, INCLUDING A COMPARISON TO THE ENVIRONMENTAL AND ECONOMIC BENEFITS OF NONSOLAR ENERGY GENERATION SOURCES IN THE STATE;

(8) EXAMINE AND RECOMMEND INFRASTRUCTURE NEEDED TO DEVELOP A PRACTICAL, EFFECTIVE, AND COST-EFFICIENT METHOD FOR COLLECTING AND TRANSPORTING END-OF-LIFE SOLAR PHOTOVOLTAIC MODULES FOR REUSE, REFURBISHMENT, RECYCLING, OR DISPOSAL;



**(9) ANALYZE WHETHER FINANCING MECHANISMS, INCLUDING ADVANCE RECOVERY FEES, RECYCLING AND DISPOSAL FEES, AND PRODUCT STEWARDSHIP PROGRAMS, ARE NECESSARY TO ENSURE PROPER END-OF-LIFE MANAGEMENT OF SOLAR PHOTOVOLTAIC SYSTEMS; AND**

**(10) RECOMMEND FINANCING MECHANISMS ANALYZED UNDER ITEM (9) OF THIS SUBSECTION THAT BEST SUPPORT A CIRCULAR ECONOMY APPROACH.**

**(H) ON OR BEFORE DECEMBER 31, 2023, THE WORKING GROUP SHALL REPORT ITS FINDINGS AND RECOMMENDATIONS TO THE COMMISSION AND, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, THE GENERAL ASSEMBLY.”.**

**AMENDMENT NO. 3**

On page 6, after line 9, insert:

**“(C) “LOW- TO MODERATE-INCOME HOUSEHOLD” MEANS A HOUSEHOLD LOCATED IN A CENSUS TRACT WITH AN AVERAGE MEDIAN INCOME AT OR BELOW 80% OF THE AVERAGE MEDIAN INCOME FOR THE STATE.”;**

in line 10, strike “(C)” and substitute “(D)”; in line 14, strike “ENVIRONMENTAL JUSTICE” and substitute “GEOGRAPHICAL IMPACT REMEDIES”; and in line 18, strike “CHANGE” and substitute “IMPACTS”.

On page 7, in line 4, strike “CUTTING-EDGE,”.

On page 8, in line 19, strike “LOW- TO MODERATE-INCOME COMMUNITIES” and substitute “COMMUNITIES WITH LOW- TO MODERATE-INCOME HOUSEHOLDS”; and in lines 21 and 22, strike “LOW- TO MODERATE-INCOME COMMUNITIES” and substitute “COMMUNITIES WITH LOW- TO MODERATE-INCOME HOUSEHOLDS”.

(Over)

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On pages 9 and 10, strike in their entirety the lines beginning with line 3 on page 9 through line 28 on page 10.

On page 10, after line 29, insert:

**“1-205.**

**IN ORDER TO MEET THE POLICY GOALS OF THE STATE FOR THE ELECTRIC DISTRIBUTION GRID SYSTEM, THE DEPARTMENT, IN COORDINATION WITH THE PUBLIC SERVICE COMMISSION AND THE MARYLAND ENERGY ADMINISTRATION, SHALL COORDINATE WITH UTILITY PROVIDERS IN THE STATE TO APPLY FOR AND ACCESS FEDERAL FUNDS, INCLUDING FUNDS MADE AVAILABLE UNDER §§ 40101, 40103, AND 40107 OF THE FEDERAL INFRASTRUCTURE INVESTMENT AND JOBS ACT.”.**

On page 11, in line 12, strike “CHANGE” and substitute “IMPACTS.”

**(7) “OVERBURDENED COMMUNITY” MEANS ANY CENSUS TRACT FOR WHICH THREE OR MORE OF THE FOLLOWING ENVIRONMENTAL HEALTH INDICATORS ARE ABOVE THE 75TH PERCENTILE STATEWIDE:**

- (I) PARTICULATE MATTER (PM) 2.5;**
- (II) OZONE;**
- (III) NATIONAL AIR TOXICS ASSESSMENT (NATA) DIESEL PM;**
- (IV) NATA CANCER RISK;**
- (V) NATA RESPIRATORY HAZARD INDEX;**

- (VI) TRAFFIC PROXIMITY;
- (VII) LEAD PAINT INDICATOR;
- (VIII) NATIONAL PRIORITIES LIST SUPERFUND SITE  
PROXIMITY;
- (IX) RISK MANAGEMENT PLAN FACILITY PROXIMITY;
- (X) HAZARDOUS WASTE PROXIMITY;
- (XI) WASTEWATER DISCHARGE INDICATOR;
- (XII) PROXIMITY TO A CONCENTRATED ANIMAL FEEDING  
OPERATION (CAFO);
- (XIII) PERCENT OF THE POPULATION LACKING BROADBAND  
COVERAGE;
- (XIV) ASTHMA EMERGENCY ROOM DISCHARGES;
- (XV) MYOCARDIAL INFARCTION DISCHARGES;
- (XVI) LOW-BIRTH-WEIGHT INFANTS;
- (XVII) PROXIMITY TO EMITTING POWER PLANTS;
- (XVIII) PROXIMITY TO A TOXIC RELEASE INVENTORY  
(TRI) FACILITY;
- (XIX) PROXIMITY TO A BROWNFIELDS SITE;
- (XX) PROXIMITY TO MINING OPERATIONS; AND

**(XXI) PROXIMITY TO A HAZARDOUS WASTE LANDFILL.**

**(8) “UNDERSERVED COMMUNITY” MEANS ANY CENSUS TRACT IN WHICH, ACCORDING TO THE MOST RECENT U.S. CENSUS BUREAU SURVEY:**

**(I) AT LEAST 25% OF THE RESIDENTS QUALIFY AS LOW-INCOME;**

**(II) AT LEAST 50% OF THE RESIDENTS IDENTIFY AS NONWHITE; OR**

**(III) AT LEAST 15% OF THE RESIDENTS HAVE LIMITED ENGLISH PROFICIENCY”.**

On page 12, in lines 8, 27, and 31, strike “CHANGE” and substitute “IMPACTS”; and in lines 10 and 28 and 29, in each instance, strike “ENVIRONMENTAL JUSTICE” and substitute “GEOGRAPHICAL IMPACT”.

On page 13, strike beginning with “USE” in line 6 down through “INCLUDING:” in line 9 and substitute “, AT A MINIMUM, INCLUDE:”

**(1) UNDERSERVED COMMUNITIES;**

**(2) OVERBURDENED COMMUNITIES; AND”;**

strike beginning with “**(1)**” in line 10 down through “**AND**” in line 20; in line 21, strike “**THE IMPACTS OF**”; in line 22, strike “CHANGE” and substitute “IMPACTS”; and in line 31, strike “ENVIRONMENTAL JUSTICE” and substitute “GEOGRAPHICAL IMPACT REMEDIES”.

On page 14, in line 1, strike “ENVIRONMENTAL AND CLIMATE JUSTICE” and substitute “GEOGRAPHICAL IMPACT”.

AMENDMENT NO. 4

On pages 14 through 22, strike in their entirety the lines beginning with line 4 on page 14 through line 29 on page 22.

On page 37, after line 22, insert:

“Article – Labor and Employment

3-416.

(A) THIS SECTION APPLIES:

(1) TO A PROJECT UNDERTAKEN BY AN INVESTOR-OWNED ELECTRIC COMPANY OR GAS AND ELECTRIC COMPANY THAT:

(i) INVOLVES THE CONSTRUCTION, RECONSTRUCTION, INSTALLATION, DEMOLITION, RESTORATION, OR ALTERATION OF ANY ELECTRIC INFRASTRUCTURE OF THE COMPANY, AND ANY RELATED TRAFFIC CONTROL ACTIVITIES; AND

(ii) IS FUNDED BY FEDERAL FUNDS TO MEET THE STATE’S POLICY GOALS FOR THE ELECTRIC DISTRIBUTION SYSTEM UNDER TITLE 7, SUBTITLE 8 OF THE PUBLIC UTILITIES ARTICLE, INCLUDING FUNDS MADE AVAILABLE UNDER § 40101, § 40103, OR § 40107 OF THE FEDERAL INFRASTRUCTURE INVESTMENT AND JOBS ACT; AND

(2) ONLY TO THE PORTION OF THE PROJECT SUPPORTED BY THE FEDERAL FUNDS.

(B) AN INVESTOR-OWNED ELECTRIC COMPANY OR GAS AND ELECTRIC COMPANY SHALL REQUIRE A CONTRACTOR OR SUBCONTRACTOR ON A PROJECT DESCRIBED IN SUBSECTION (A) OF THIS SECTION TO:

(Over)

(1) PAY THE AREA PREVAILING WAGE FOR EACH TRADE EMPLOYED, INCLUDING WAGES AND FRINGE BENEFITS;

(2) OFFER HEALTH CARE AND RETIREMENT BENEFITS TO THE EMPLOYEES WORKING ON THE PROJECT;

(3) PARTICIPATE IN AN APPRENTICESHIP PROGRAM REGISTERED WITH THE STATE FOR EACH TRADE EMPLOYED ON THE PROJECT;

(4) ESTABLISH AND EXECUTE A PLAN FOR OUTREACH, RECRUITMENT, AND RETENTION OF STATE RESIDENTS TO PERFORM WORK ON THE PROJECT, WITH AN ASPIRATIONAL GOAL OF 25% OF TOTAL WORK HOURS PERFORMED BY MARYLAND RESIDENTS, INCLUDING RESIDENTS WHO ARE:

(I) RETURNING CITIZENS;

(II) WOMEN;

(III) MINORITY INDIVIDUALS; OR

(IV) VETERANS;

(5) HAVE BEEN IN COMPLIANCE WITH FEDERAL AND STATE WAGE AND HOUR LAWS FOR THE PREVIOUS 3 YEARS;

(6) BE SUBJECT TO ALL STATE REPORTING AND COMPLIANCE REQUIREMENTS; AND

(7) MAINTAIN ALL APPROPRIATE LICENSES IN GOOD STANDING.

#### Article – Natural Resources

8-1913.

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

(B) “CLEAN ENERGY PROJECT” MEANS A PROJECT TO IMPROVE ACCESS TO CLEAN, RENEWABLE ENERGY SOURCES IN A COMMUNITY DISPROPORTIONATELY AFFECTED BY CLIMATE IMPACTS.

(C) “CLIMATE MITIGATION PROJECT” MEANS A PROJECT TO REDUCE EMISSIONS OF GREENHOUSE GASES AND CO-POLLUTANTS AND MITIGATE THE HEALTH IMPACTS OF CLIMATE IMPACTS IN A COMMUNITY DISPROPORTIONATELY AFFECTED BY CLIMATE IMPACTS.

(D) “COMMUNITY DISPROPORTIONATELY AFFECTED BY CLIMATE IMPACTS” MEANS A COMMUNITY IDENTIFIED USING THE METHODOLOGY RECOMMENDED BY THE COMMISSION ON ENVIRONMENTAL JUSTICE AND SUSTAINABLE COMMUNITIES UNDER § 1-702 OF THE ENVIRONMENT ARTICLE.

[(b)] (E) “Corps Board” means the Advisory Board of the Corps Program.

[(c)] (F) “Corps Program” means the Chesapeake Conservation Corps Program established under § 8-1914 of this part.

[(d)] (G) “Energy conservation project” means a project to promote energy conservation or efficiency, including a project to:

(1) Improve energy efficiency of households and public structures through energy audits, weatherization, and other on-site energy conservation measures;

(2) Implement clean energy projects in communities to enhance the use of renewable energy, reduce carbon emissions, and mitigate climate [change] IMPACTS;

(3) Implement community greening and urban tree canopy projects that create energy savings; and

(4) Assist schools in becoming “green schools” and reducing energy costs.

[(e)] (H) “Environmental project” means a project that results in long-term preservation, protection, and conservation of the environment, in areas including

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environmental restoration, agricultural and forestry, infrastructure, energy conservation, and educational improvements.

**[(f)] (I)**      “Qualified organization” means:

- (1)    A nonprofit organization;
- (2)    A school;
- (3)    A community association;
- (4)    A service, youth, or civic group;
- (5)    An institution of higher education;
- (6)    A county or municipality; or
- (7)    A unit of State government.

**[(g)] (J)**      “Trust” means the Chesapeake Bay Trust.

8–1914.

(a)    There is a Chesapeake Conservation Corps Program administered by the Trust, in consultation with the Corps Board.

(b)    The purpose of the Corps Program is to:

- (1)    Promote, preserve, protect, and sustain the environment;
- (2)    Provide young adults with opportunities to become better citizens, students, and workers through meaningful service to their communities and the State;
- (3)    Mobilize, educate, and train youth and young adults to work with communities and schools to promote energy conservation and mitigate and prevent threats to the environment;



(4) MOBILIZE, EDUCATE, AND TRAIN YOUTH AND YOUNG ADULTS TO DEPLOY CLEAN ENERGY TECHNOLOGY AND MITIGATE AND PREVENT THE ENVIRONMENTAL AND HEALTH IMPACTS OF CLIMATE IMPACTS IN COMMUNITIES DISPROPORTIONATELY AFFECTED BY CLIMATE IMPACTS;

(5) ENSURE UNDERSERVED AND GEOGRAPHICAL CLIMATE DISPARITIES POPULATIONS ARE GIVEN ASSISTANCE NEEDED TO PREPARE FOR AND ADAPT TO CLIMATE IMPACTS;

~~[(4) (6) [Provide opportunities for youth and young adults, especially disadvantaged youth, to be trained for careers that will be part of the emerging field of “green collar” jobs]~~ PROVIDE A GREEN CAREER LADDER AND OPPORTUNITIES FOR ALL YOUTH AND YOUNG ADULTS, ESPECIALLY THOSE MOST AT RISK, TO BE EXPOSED TO AND TRAINED IN THE ENERGY EFFICIENCY, ENVIRONMENTAL PROTECTION, GOVERNMENTAL AND REGULATORY ADMINISTRATION, AND RENEWABLE ENERGY GENERATION SECTORS;

~~[(5) (7) Educate and train communities and individuals for the long-term action needed to continue to promote, preserve, protect, and sustain the environment after a Corps project has been completed;~~

~~[(6) (8) Act as a coordinator and facilitator of efforts to foster public-private partnerships in developing “green collar” job opportunities and in enhancing and expanding the workforce available for environmental protection and clean energy industries; and~~

~~[(7) (9) Channel available public and private resources to the protection, conservation, and preservation of the environment of the State.~~

8-1915.

(a) (1) The purpose of the Corps Board is to advise the Trust in the development and implementation of the Corps Program.

(2) The Corps Board consists of the following [11] members:

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

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

(iii) One member appointed by the Chancellor of the University System of Maryland with the advice and consent of the Senate, to serve as a liaison between the Corps Board, the Chancellor, and the Board of Regents;

(iv) ONE MEMBER APPOINTED BY THE PRESIDENT OF MORGAN STATE UNIVERSITY, TO SERVE AS A LIAISON BETWEEN THE CORPS BOARD, THE PRESIDENT, AND THE BOARD OF REGENTS;

(v) Three members of the Board of Trustees of the Chesapeake Bay Trust, appointed by the Chair of the Board; and

[(v)] (VI) Five members appointed by the Governor with the advice and consent of the Senate, including at least one individual from the nonprofit sector with a background in education and student service and one with a background in workforce development.

8-1920.

(a) The Corps Program's projects and activities shall meet an identifiable public need[, with]:

(1) WITH specific emphasis on projects that result in long-term preservation, protection, and conservation of the environment, in areas including environmental restoration, agricultural and forestry, infrastructure, and educational improvements; OR

(2) WITHIN A COMMUNITY DISPROPORTIONATELY AFFECTED BY CLIMATE IMPACTS, WITH SPECIFIC EMPHASIS ON CLIMATE MITIGATION AND CLEAN ENERGY PROJECTS THAT RESULT IN LONG-TERM REDUCTIONS TO GREENHOUSE GAS EMISSIONS AND IMPROVEMENTS TO PUBLIC HEALTH AND THE ENVIRONMENT.

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(b) Environmental restoration projects may include:

(1) Specific nutrient reduction activities, such as planting of bay grasses and oysters and installing natural shorelines on public spaces; and

(2) Working with communities to improve their environmental impacts and activities and to encourage appropriate environmental stewardship.

(c) Agricultural and forestry projects may include working with Corps Program volunteers from rural areas of the State in partnership with the agricultural community in projects to prevent or reduce nutrient runoff.

(d) Infrastructure projects may include:

(1) Improving the energy efficiency of housing for elderly and low-income households;

(2) Implementing clean energy projects in communities to enhance the use of renewable energy, including free and low-cost energy audits; and

(3) Building or assisting in building infrastructure to promote environmental education including outdoor classrooms, nature trails, and schoolyard habitats and watershed restoration, stream restoration, rain gardens, and other low-impact development projects.

(e) Educational projects may include:

(1) Developing interactive environmental education and energy conservation education for elementary and secondary school students and the public;

(2) Developing curriculum targeted at training high school students and apprentices to obtain skills necessary to create and implement clean energy projects in their communities and to compete for jobs in the emerging clean energy sector; and

(3) Assisting schools to become “green schools” and reduce energy costs through hands-on projects with their students.

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(f) Energy conservation projects may include the projects defined in § 8–1913(d) of this part.

(G) CLIMATE MITIGATION PROJECTS MAY INCLUDE:

(1) PROJECTS TO EXPAND URBAN TREE CANOPY, IMPLEMENT GREEN ROOFTOPS, AND TAKE OTHER ACTIONS TO REDUCE URBAN HEAT ISLAND EFFECTS; AND

(2) PROJECTS TO IMPROVE ACCESS TO CLEAN, RELIABLE TRANSPORTATION, INCLUDING THROUGH THE EXPANSION OF BIKE TRAILS AND PEDESTRIAN WALKWAYS.

(H) CLEAN ENERGY PROJECTS MAY INCLUDE:

(1) PROJECTS TO INSTALL RENEWABLE ENERGY SYSTEMS AT LOW-INCOME HOUSEHOLDS AND SCHOOLS, LIBRARIES, AND OTHER PUBLIC BUILDINGS;

(2) PROJECTS TO UNDERTAKE HOLISTIC RETROFITS OF LOW-INCOME HOUSEHOLDS, INCLUDING WEATHERIZATION AND HEAT PUMP INSTALLATION; AND

(3) PROJECTS TO PROVIDE EXPERIENCE IN THE ENERGY EFFICIENCY, ENVIRONMENTAL PROTECTION, GOVERNMENTAL AND REGULATORY ADMINISTRATION, AND RENEWABLE ENERGY GENERATION SECTORS.

8–1921.

(a) [The] EXCEPT AS PROVIDED IN SUBSECTION (C) OF THIS SECTION, THE Corps Program shall be funded each fiscal year with:

(1) The amount specified in § 3–302(d) of this article; and

(2) Up to \$250,000 in additional funds that may be allocated by the Trust through its annual budget process.

(b) The Trust and the Corps Board shall seek federal funds and grants and donations from private sources to be made to the Trust for the purpose of long-term funding of the Corps Program.

(C) FOR FISCAL YEAR 2024 AND EACH FISCAL YEAR THEREAFTER, THE GOVERNOR SHALL INCLUDE IN THE ANNUAL BUDGET BILL AN APPROPRIATION OF \$1,500,000 TO THE TRUST FOR THE CORPS PROGRAM TO IMPLEMENT CLIMATE MITIGATION AND CLEAN ENERGY PROJECTS UNDER § 8-1920 OF THIS SUBTITLE.

8-1923.1.

(A) THIS SECTION APPLIES TO PROGRAMS DEVELOPED TO IMPLEMENT CLIMATE MITIGATION AND CLEAN ENERGY PROJECTS UNDER § 8-1920 OF THIS SUBTITLE.

(B) (1) THE TRUST AND QUALIFIED ORGANIZATIONS SHALL PRINCIPALLY RECRUIT INDIVIDUALS FOR A MINIMUM 6-MONTH COMMITMENT, WHO, AT THE TIME OF ENROLLMENT, ARE AT LEAST 18 YEARS OLD AND UNDER THE AGE OF 26 YEARS.

(2) QUALIFIED ORGANIZATIONS MAY NOT UNDERTAKE A PROJECT IF THE PROJECT WOULD REPLACE REGULAR WORKERS OR DUPLICATE OR REPLACE AN EXISTING SERVICE IN THE SAME LOCALITY.

(3) A CORPS MEMBER MAY RECEIVE A STIPEND.

(4) STIPENDS FOR CORP MEMBERS SHALL INCLUDE MONETARY PAYMENTS OF AT LEAST \$15 PER HOUR.

(C) IN DEVELOPING ITS PROGRAMS AND SEEKING FEDERAL AND STATE GRANTS, THE TRUST AND THE CORPS BOARD SHALL:

(1) COORDINATE EFFORTS WITH THE MARYLAND CORPS PROGRAM ESTABLISHED UNDER § 24-1102 OF THE EDUCATION ARTICLE;

(Over)

(2) COORDINATE EFFORTS WITH THE MARYLAND CONSERVATION CORPS TO ENGAGE YOUNG ADULTS IN CONSERVATION SERVICE PROJECTS;

(3) SEEK ASSISTANCE AND ADVICE FROM RELEVANT PUBLIC AND PRIVATE SOURCES; AND

(4) EXPLORE OPPORTUNITIES FOR INITIATING A COLLEGE-LEVEL CAMPAIGN TO ENGAGE WITH COMMUNITY COLLEGES, HISTORICALLY BLACK COLLEGES AND UNIVERSITIES, AND OTHER INSTITUTIONS OF HIGHER EDUCATION IN THE STATE.

(D) IN DEVELOPING CLEAN ENERGY INFRASTRUCTURE AND EDUCATIONAL PROGRAMS, THE TRUST AND THE CORPS BOARD SHALL SEEK ASSISTANCE FROM AND COOPERATE WITH THE MARYLAND CLEAN ENERGY CENTER UNDER TITLE 10, SUBTITLE 8 OF THE ECONOMIC DEVELOPMENT ARTICLE.

(E) IN DEVELOPING ITS CORPS MEMBER PROGRAMS, THE CORPS BOARD SHALL SEEK ASSISTANCE FROM AND COOPERATE WITH:

(1) THE MARYLAND SERVICE CORPS AND THE GOVERNOR'S OFFICE ON SERVICE AND VOLUNTEERISM UNDER TITLE 9.5, SUBTITLE 2 OF THE STATE GOVERNMENT ARTICLE;

(2) THE DEPARTMENT OF COMMERCE AND OTHER APPROPRIATE UNITS OF STATE GOVERNMENT AND PRIVATE SECTOR ENTITIES TO DEVELOP OPPORTUNITIES FOR STUDENT PARTICIPATION IN PRIVATE-SECTOR ACTIVITIES, SUCH AS INTERNSHIP AND EXTERNSHIP PROGRAMS; AND

(3) COMMUNITY COLLEGES, 4-YEAR COLLEGES, AND UNIVERSITIES IN THE STATE TO DEVELOP OPPORTUNITIES FOR COURSE CREDIT ARRANGEMENTS THROUGH WHICH CORPS MEMBERS MAY EARN COURSE CREDITS FOR PARTICIPATION IN THE CORPS PROGRAM AS AN ALTERNATIVE TO OR IN ADDITION TO PAYMENT OF A STIPEND.”

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AMENDMENT NO. 5

On page 36, in line 16, strike “**25,000**” and substitute “**35,000**”; in line 21, strike “OR”; and in line 22, after “(III)” insert “A MANUFACTURING BUILDING; OR

(IV)”.

On page 48, after line 6, insert:

“(3) ON OR BEFORE JANUARY 1, 2023, THE DEPARTMENT SHALL ADOPT, AS PART OF THE STANDARDS, A REQUIREMENT THAT NEW BUILDINGS BE PROVIDED WITH SUFFICIENT ELECTRICAL CAPACITY AND INFRASTRUCTURE, INCLUDING CIRCUITS, RACEWAYS, RECEPTACLES, AND JUNCTION BOXES, TO SUPPORT THE REPLACEMENT OF INSTALLED FOSSIL-FUEL APPLIANCES AND EQUIPMENT WITHOUT REQUIRING DESTRUCTIVE MODIFICATIONS TO THE BUILDING INTERIOR OR EXTERIOR TO COMPLETE THE NECESSARY ELECTRICAL WORK FOR THE INSTALLATION.”.

On pages 50 through 54, strike in their entirety the lines beginning with line 30 on page 50 through line 26 on page 54.

On page 62, in line 20, after “STANDARDS” insert “FOR COVERED BUILDINGS”; strike line 21 in its entirety; in lines 22 and 25, strike “(I)” and “(II)”, respectively, and substitute “(1)” and “(2)”, respectively; in line 22, strike “50%” and substitute “20%”; and in line 26, strike “2035; AND” and substitute “2040.”.

On pages 62 and 63, strike in their entirety the lines beginning with line 27 on page 62 through line 2 on page 63.

On page 63, in line 5, strike “AND SCHOOLS”; in line 10, strike “THE” and substitute “ON OR BEFORE JUNE 1, 2023, THE”; in line 20, strike “AND LABORATORIES” and substitute “, LABORATORIES, ASSISTED LIVING AND NURSING FACILITIES, MILITARY BUILDINGS, CRITICAL INFRASTRUCTURE, AND BUILDINGS USED IN LIFE SCIENCES AS DEFINED IN § 3-201 OF THE ECONOMIC

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**DEVELOPMENT ARTICLE**"; and in line 24, strike "**ACCOUNT FOR**" and substitute "**CONSIDER**".

On page 64, in line 11, strike "**ENERGY USE INTENSITY**" and substitute "**DIRECT GREENHOUSE GAS EMISSIONS REDUCTION**"; strike beginning with "**SET**" in line 11 down through "**DEPARTMENT**" in line 12; and strike in their entirety lines 22 through 29, inclusive.

On page 65, in line 2, after "**STANDARDS**" insert "**FOR COVERED BUILDINGS**"; strike beginning with the colon in line 2 down through "**50%**" in line 4 and substitute "**A 20%**"; strike beginning with the semicolon in line 6 down through "**CONSTRUCTION**" in line 14; in line 17, strike "**AND SCHOOLS**"; and in line 20, strike "**THE**" and substitute "**ON OR BEFORE JUNE 1, 2023, THE**".

On page 66, in line 2, strike "**AND LABORATORIES**" and substitute "**, LABORATORIES, ASSISTED LIVING AND NURSING FACILITIES, MILITARY BUILDINGS, CRITICAL INFRASTRUCTURE, AND BUILDINGS USED IN LIFE SCIENCES AS DEFINED IN § 3-201 OF THE ECONOMIC DEVELOPMENT ARTICLE**"; in line 6, strike "**ACCOUNT FOR**" and substitute "**CONSIDER**"; and in line 23, strike "**ENERGY USE INTENSITY**" and substitute "**DIRECT GREENHOUSE GAS EMISSIONS REDUCTION**".

On page 67, strike in their entirety lines 1 through 8, inclusive.

On page 68, strike beginning with "**APARTMENT**" in line 19 down through "**ASSOCIATION**" in line 20 and substitute "**MULTIFAMILY HOUSING INDUSTRY**"; in line 28, strike "**AND**"; and in line 30, after "**INDUSTRY**" insert ";

**(XII) ONE REPRESENTATIVE OF A STATEWIDE COMMERCIAL OR INDUSTRIAL BUILDING ASSOCIATION; AND**



(XIII) ONE REPRESENTATIVE OF ORGANIZED LABOR WHO REPRESENTS THE BUILDING TRADES; AND

(12) THE FOLLOWING MEMBERS, SELECTED BY THE PUBLIC SERVICE COMMISSION:

(I) ONE REPRESENTATIVE OF A MUNICIPAL ELECTRIC UTILITY; AND

(II) ONE REPRESENTATIVE OF AN INVESTOR-OWNED UTILITY”.

AMENDMENT NO. 6

On page 50, in line 13, strike “**2.25%**” and substitute “**2.0%**”; in the same line, after “**IN**” insert “**2022 THROUGH**”; in the same line, strike “**AND 2025**”; in line 14, strike “**2.5%**” and substitute “**2.25% PER YEAR**”; in the same line, after “**IN**” insert “**2025 AND**”; in line 15, strike “**2.75%**” and substitute “**2.5%**”; and after line 28, insert:

“(V) FOR 2025 AND THEREAFTER, THE CORE OBJECTIVE OF THE TARGETED REDUCTIONS UNDER THIS SECTION SHALL INCLUDE DEVELOPMENT AND IMPLEMENTATION OF A PORTFOLIO OF MUTUALLY REINFORCING GOALS, INCLUDING GREENHOUSE GAS EMISSIONS REDUCTION, ENERGY SAVINGS, NET CUSTOMER BENEFITS, AND REACHING UNDERSERVED CUSTOMERS.”.

On page 70, in line 19, after “shall” insert “:

(1)”;

in line 20, after “Act” insert “; and

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(2) require that the core objective of the alteration to percentages for 2025 and later years under § 7–211 of the Public Utilities Article, as enacted by Section 4 of this Act, change from electricity reduction to a portfolio of mutually reinforcing goals, including greenhouse gas emissions reduction, energy savings, net customer benefits, and reaching underserved customers”;

strike beginning with “and” in line 30 down through “standards” in line 31; and in line 32, after “industries” insert “, including life sciences, as defined in § 3–201 of the Economic Development Article”.

AMENDMENT NO. 7

On page 50, after line 28, insert:

“7–217.

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

(2) “ELECTRIC SCHOOL BUS” MEANS A SCHOOL BUS THAT IS POWERED EXCLUSIVELY BY AN ELECTRIC MOTOR THAT DRAWS ITS CURRENT FROM RECHARGEABLE STORAGE BATTERIES THAT ARE RECHARGED WITH ELECTRICITY FROM AN ELECTRIC VEHICLE CHARGING STATION.

(3) “ELECTRIC SCHOOL BUS PILOT PROGRAM” MEANS A PILOT PROGRAM CONDUCTED BY AN INVESTOR–OWNED ELECTRIC COMPANY UNDER THIS SECTION.

(4) “INCREMENTAL ADMINISTRATIVE AND OPERATING COSTS” MEANS THE AMOUNT BY WHICH THE COST OF ADMINISTERING AND OPERATING AN ELECTRIC SCHOOL BUS PROGRAM EXCEEDS THE COST OF ADMINISTERING AND OPERATING A DIESEL SCHOOL BUS PROGRAM.

**(5) “INCREMENTAL COSTS OF PURCHASING AND DEPLOYING ELECTRIC SCHOOL BUSES” MEANS THE AMOUNT BY WHICH THE COSTS OF PURCHASING AND DEPLOYING ELECTRIC SCHOOL BUSES EXCEED THE COSTS OF PURCHASING AND DEPLOYING DIESEL SCHOOL BUSES.**

**(6) “INTERCONNECTION EQUIPMENT” MEANS A GROUP OF COMPONENTS OR AN INTEGRATED SYSTEM THAT CONNECTS AN ELECTRIC VEHICLE CHARGING STATION WITH THE DISTRIBUTION SYSTEM OF AN INVESTOR-OWNED ELECTRIC COMPANY.**

**(7) “INTERCONNECTION FACILITIES” MEANS FACILITIES REQUIRED BY AN INVESTOR-OWNED ELECTRIC COMPANY TO ACCOMMODATE THE INTERCONNECTION OF AN ELECTRIC VEHICLE CHARGING STATION.**

**(8) “PARTICIPATING SCHOOL SYSTEM” MEANS A SCHOOL SYSTEM LOCATED WITHIN AN INVESTOR-OWNED ELECTRIC COMPANY’S SERVICE TERRITORY THAT:**

**(I) PARTICIPATES IN AN ELECTRIC SCHOOL BUS PILOT PROGRAM UNDER AN AGREEMENT BETWEEN ITS SCHOOL BOARD AND AN INVESTOR-OWNED ELECTRIC COMPANY; AND**

**(II) OWNS ITS SCHOOL BUSES OR CONTRACTS WITH ANOTHER ENTITY FOR SCHOOL BUS SERVICES.**

**(9) “PROGRAM COSTS” MEANS:**

**(I) ANY COSTS TO DEPLOY APPROPRIATE ELECTRIC SCHOOL BUS CHARGING INFRASTRUCTURE THAT ARE INCURRED BY AN INVESTOR-**

OWNED ELECTRIC COMPANY IN IMPLEMENTING AN ELECTRIC SCHOOL BUS PILOT PROGRAM; AND

(II) REBATES PAID TO A PARTICIPATING SCHOOL SYSTEM.

(10) "REBATE" MEANS AN INCENTIVE PROVIDED BY AN INVESTOR-OWNED ELECTRIC COMPANY TO A PARTICIPATING SCHOOL SYSTEM THAT IS EQUAL TO:

(I) THE INCREMENTAL COSTS OF PURCHASING AND DEPLOYING ELECTRIC SCHOOL BUSES TO PARTICIPATING SCHOOL SYSTEMS; AND

(II) THE INCREMENTAL ADMINISTRATIVE AND OPERATING COSTS INCURRED BY A PARTICIPATING SCHOOL SYSTEM IN IMPLEMENTING ITS ELECTRIC SCHOOL BUS PILOT PROGRAM.

(B) (1) THERE IS AN ELECTRIC SCHOOL BUS PILOT PROGRAM.

(2) THE ELECTRIC SCHOOL BUS PILOT PROGRAM SHALL BE IMPLEMENTED AND ADMINISTERED BY THE COMMISSION AND SHALL OPERATE AS PROVIDED IN THIS SECTION.

(C) AN INVESTOR-OWNED ELECTRIC COMPANY MAY APPLY TO THE COMMISSION TO IMPLEMENT AN ELECTRIC SCHOOL BUS PILOT PROGRAM IF THE PILOT PROGRAM IS STRUCTURED TO:

(1) COMMENCE ON OR BEFORE OCTOBER 1, 2024;

(2) PROVIDE FOR THE DEPLOYMENT OF NOT FEWER THAN 25 ELECTRIC SCHOOL BUSES;

(3) PROVIDE FOR ELECTRIC SCHOOL BUS REBATES TO PARTICIPATING SCHOOL SYSTEMS;

(4) LIMIT TOTAL REBATES TO \$50,000,000;

(5) ALLOW THE INVESTOR-OWNED ELECTRIC COMPANY TO USE THE STORAGE BATTERIES OF THE ELECTRIC SCHOOL BUSES TO ACCESS THE STORED ELECTRICITY THROUGH VEHICLE-TO-GRID TECHNOLOGY;

(I) EXCEPT AS PROVIDED IN ITEM (6) OF THIS SUBSECTION, WITHOUT ADDITIONAL COMPENSATION TO THE SCHOOL SYSTEM FOR THE ELECTRICITY; AND

(II) AT TIMES WHEN THE PARTICIPATING SCHOOL SYSTEM DETERMINES THAT THE SCHOOL BUSES ARE NOT NEEDED TO TRANSPORT STUDENTS;

(6) ENSURE THAT IF THE INVESTOR-OWNED UTILITY USES ELECTRICITY THAT A PARTICIPATING SCHOOL SYSTEM PROVIDES TO CHARGE AN ELECTRIC SCHOOL BUS BATTERY, THE INVESTOR-OWNED UTILITY REPLACES THAT ELECTRICITY AT NO COST TO THE PARTICIPATING SCHOOL SYSTEM;

(7) PROVIDE FOR THE SELECTION OF SCHOOL SYSTEMS THAT APPLY TO PARTICIPATE IN THE PILOT PROGRAM ON THE BASIS OF APPROPRIATE FACTORS DETERMINED BY THE INVESTOR-OWNED ELECTRIC COMPANY WITH THE APPROVAL OF THE COMMISSION, INCLUDING THE LOCATIONAL BENEFITS THAT THE STORAGE BATTERIES OF SCHOOL BUSES MAY BRING TO THE INVESTOR-OWNED ELECTRIC COMPANY;

(Over)

(8) CONSIDER, IN DETERMINING THE APPROPRIATE FACTORS UNDER ITEM (7) OF THIS SUBSECTION, THE HEALTH AND ECONOMIC EFFECTS ON LOW-INCOME AND MINORITY COMMUNITIES;

(9) PROVIDE AND INSTALL THE INTERCONNECTION EQUIPMENT AND INTERCONNECTION FACILITIES FOR ELECTRIC VEHICLE CHARGING STATIONS AND TRAIN SCHOOL PERSONNEL IN THE PROPER USE OF THE EQUIPMENT AND FACILITIES;

(10) EQUIP EACH ELECTRIC SCHOOL BUS WITH LAP AND SHOULDER BELTS IN ACCORDANCE WITH RECOMMENDATIONS FROM THE NATIONAL TRANSPORTATION SAFETY BOARD; AND

(11) PROVIDE THE SCHOOL BOARD WITH ADEQUATE TRAINING AND EXPERTISE TO OPERATE ABLY ELECTRIC SCHOOL BUSES, ELECTRIC VEHICLE CHARGING STATIONS, AND ASSOCIATED INFRASTRUCTURE.

(D) A PARTICIPATING SCHOOL SYSTEM SHALL:

(1) WHEN DEPLOYING ELECTRIC SCHOOL BUSES, CONSIDER CRITERIA THAT BENEFIT STUDENTS WHO ARE ELIGIBLE FOR FREE AND REDUCED PRICE MEALS; AND

(2) BEFORE THE DELIVERY OF ELECTRIC SCHOOL BUSES, DEVELOP A PLAN FOR TRAINING AND RETAINING ANY SCHOOL SYSTEM EMPLOYEE AFFECTED BY THE ELECTRIC SCHOOL BUS PILOT PROGRAM.

(E) (1) SUBJECT TO THE COMMISSION'S APPROVAL, AN INVESTOR-OWNED ELECTRIC COMPANY MAY RECOVER ALL REASONABLE AND PRUDENT PROGRAM COSTS INCURRED UNDER AN ELECTRIC SCHOOL BUS PILOT

PROGRAM THROUGH A RATE APPLICATION TO BE REVIEWED AND APPROVED BY THE COMMISSION.

(2) A RATE APPLICATION UNDER THIS SUBSECTION SHALL INCLUDE CONFORMING CHANGES TO THE PARTICIPATING INVESTOR-OWNED ELECTRIC COMPANY'S APPLICABLE RATE SCHEDULES.

(3) SUBJECT TO THE COMMISSION'S APPROVAL, THE ELECTRIC SCHOOL BUS PILOT PROGRAM SHALL BECOME A REGULAR RATE SCHEDULE OF THE PARTICIPATING INVESTOR-OWNED ELECTRIC COMPANY.

(F) SUBJECT TO THE COMMISSION'S APPROVAL, AN INVESTOR-OWNED ELECTRIC COMPANY MAY ESTABLISH A PILOT TARIFF OR RATE TO PROVIDE SERVICE TO AN ELECTRIC SCHOOL BUS.

(G) AN INVESTOR-OWNED ELECTRIC COMPANY THAT APPLIES TO IMPLEMENT AN ELECTRIC SCHOOL BUS PILOT PROGRAM SHALL PROVIDE TO THE COMMISSION ANY INFORMATION, DATA, AND ANALYSIS THAT THE COMMISSION REQUIRES.

(H) THE COMMISSION SHALL APPROVE, DENY, OR APPROVE WITH MODIFICATIONS AN INVESTOR-OWNED ELECTRIC COMPANY'S APPLICATION TO IMPLEMENT AN ELECTRIC SCHOOL BUS PILOT PROGRAM.

(I) (1) AN INVESTOR-OWNED ELECTRIC COMPANY THAT ESTABLISHES AN ELECTRIC SCHOOL BUS PILOT PROGRAM AUTHORIZED BY THIS SECTION SHALL, IN CONSULTATION WITH EACH PARTICIPATING SCHOOL SYSTEM, BY FEBRUARY 1, 2025, AND EACH YEAR THEREAFTER FOR THE DURATION OF THE PILOT PROGRAM, REPORT ON THE STATUS OF THE PILOT PROGRAM TO THE GOVERNOR, THE COMMISSION, AND, IN ACCORDANCE WITH § 2-1257 OF THE

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STATE GOVERNMENT ARTICLE, THE HOUSE ECONOMIC MATTERS COMMITTEE  
AND THE SENATE FINANCE COMMITTEE.

(2) THE REPORT REQUIRED UNDER PARAGRAPH (1) OF THIS  
SUBSECTION SHALL INCLUDE:

(I) AN EVALUATION OF THE ENVIRONMENTAL AND HEALTH  
BENEFITS OF THE PILOT PROGRAM; AND

(II) THE FINANCIAL COSTS AND BENEFITS OF  
IMPLEMENTING THE PILOT PROGRAM TO THE PARTICIPATING SCHOOL SYSTEM  
AND THE INVESTOR-OWNED UTILITY, INCLUDING:

1. THE DEPLOYMENT, OPERATION, AND  
MAINTENANCE OF THE ELECTRIC SCHOOL BUSES; AND

2. THE USE OF VEHICLE-TO-GRID TECHNOLOGY.

(J) THE INITIAL DURATION OF AN ELECTRIC SCHOOL BUS PILOT  
PROGRAM SHALL BE AT LEAST 3 YEARS AND MAY NOT EXCEED 5 YEARS.

(K) ON THE REQUEST OF AN INVESTOR-OWNED ELECTRIC COMPANY,  
THE COMMISSION MAY AUTHORIZE AN EXPANSION OF THE SCOPE, DEPLOYMENT,  
PROGRAM COSTS, AND DURATION OF THE ELECTRIC SCHOOL BUS PILOT  
PROGRAM.

SUBTITLE 8. ELECTRIC DISTRIBUTION SYSTEM PLANNING.

7-801.



IT IS THE GOAL OF THE STATE THAT THE ELECTRIC DISTRIBUTION SYSTEM SUPPORT, IN A COST-EFFECTIVE MANNER, THE STATE'S POLICY GOALS WITH REGARD TO:

- (1) GREENHOUSE GAS REDUCTION;
- (2) RENEWABLE ENERGY;
- (3) DECREASING DEPENDENCE ON ELECTRICITY IMPORTED FROM OTHER STATES; AND
- (4) ACHIEVING ENERGY DISTRIBUTION RESILIENCY, EFFICIENCY, AND RELIABILITY.

7-802.

ON OR BEFORE DECEMBER 1, 2024, AND EACH DECEMBER 1 THEREAFTER, THE COMMISSION SHALL SUBMIT A REPORT, IN ACCORDANCE WITH § 2-1257 OF THE STATE GOVERNMENT ARTICLE, TO THE GENERAL ASSEMBLY WITH INFORMATION REGARDING THE CURRENT STATUS OF ELECTRIC DISTRIBUTION SYSTEM EVOLUTION, INCLUDING INFORMATION ON ELECTRIC DISTRIBUTION SYSTEM PLANNING PROCESSES AND IMPLEMENTATION THAT PROMOTE, AS SPECIFIC GOALS, THE FOLLOWING:

- (1) MEASURES TO DECREASE GREENHOUSE GAS EMISSIONS INCIDENT TO ELECTRIC DISTRIBUTION, INCLUDING HIGH LEVELS OF DISTRIBUTED ENERGY RESOURCES AND ELECTRIC VEHICLES;

(Over)

**(2) GIVING PRIORITY TO VULNERABLE COMMUNITIES IN THE DEVELOPMENT OF DISTRIBUTED ENERGY RESOURCES AND ELECTRIC VEHICLE INFRASTRUCTURE;**

**(3) ENERGY EFFICIENCY;**

**(4) MEETING ANTICIPATED INCREASES IN LOAD;**

**(5) INCORPORATION OF ENERGY STORAGE TECHNOLOGY AS APPROPRIATE AND PRUDENT TO:**

**(I) SUPPORT EFFICIENCY AND RELIABILITY OF THE ELECTRIC DISTRIBUTION SYSTEM; AND**

**(II) PROVIDE ADDITIONAL CAPACITY TO ACCOMMODATE INCREASED DISTRIBUTED RENEWABLE ELECTRICITY GENERATION IN CONNECTION WITH ELECTRIC DISTRIBUTION SYSTEM MODERNIZATION;**

**(6) EFFICIENT MANAGEMENT OF LOAD VARIABILITY;**

**(7) ELECTRIC DISTRIBUTION SYSTEM RESILIENCY AND RELIABILITY;**

**(8) BIDIRECTIONAL POWER FLOWS;**

**(9) DEMAND RESPONSE AND OTHER NONWIRE AND NONCAPITAL ALTERNATIVES;**

**(10) INCREASED USE OF DISTRIBUTED ENERGY RESOURCES, INCLUDING ELECTRIC VEHICLES;**

(11) TRANSPARENT STAKEHOLDER PARTICIPATION IN ONGOING ELECTRIC DISTRIBUTION SYSTEM PLANNING PROCESSES; AND

(12) ANY OTHER ISSUES THE COMMISSION CONSIDERS APPROPRIATE.

7-803.

(A) THE GENERAL ASSEMBLY STRONGLY ENCOURAGES THE ELECTRIC COMPANIES OF THE STATE TO PURSUE DILIGENTLY FEDERAL FUNDS TO MEET THE STATE'S POLICY GOALS FOR THE ELECTRIC DISTRIBUTION SYSTEM, INCLUDING FUNDS MADE AVAILABLE UNDER §§ 40101, 40103, AND 40107 OF THE FEDERAL INFRASTRUCTURE INVESTMENT AND JOBS ACT.

(B) THE COMMISSION AND THE MARYLAND ENERGY ADMINISTRATION SHALL PROVIDE ASSISTANCE AND SUPPORT TO ELECTRIC COMPANIES FOR APPLYING FOR AND OBTAINING ACCESS TO FEDERAL AND OTHER AVAILABLE FUNDS TO MEET THE STATE'S POLICY GOALS FOR THE ELECTRIC DISTRIBUTION SYSTEM.

(C) THE MARYLAND ENERGY ADMINISTRATION SHALL IDENTIFY FUNDING SOURCES THAT MAY BE AVAILABLE TO ELECTRIC COMPANIES TO IMPLEMENT THE STATE'S POLICY GOALS UNDER § 7-802 OF THIS SUBTITLE, INCLUDING FUNDING FOR:

(1) INCREASING THE EFFICIENCY OF ELECTRIC DISTRIBUTION SYSTEMS, INCLUDING THROUGH INSTALLATION AND INTEGRATION OF ENERGY STORAGE DEVICES AND OPERATIONAL CHANGES AND UPGRADES;

(Over)

(2) GRID-HARDENING ACTIVITIES TO REDUCE THE OCCURRENCE OF OR CONSEQUENCES OF EVENTS THAT DISRUPT OPERATIONS OF THE ELECTRIC DISTRIBUTION SYSTEM DUE TO EXTREME WEATHER OR NATURAL DISASTERS;

(3) OTHER DISTRIBUTION SYSTEM-RELATED UPGRADE ACTIVITIES AVAILABLE FOR FUNDING UNDER § 40101, § 40103, OR § 40107 OF THE FEDERAL INFRASTRUCTURE INVESTMENT AND JOBS ACT; AND

(4) OTHER SPECIFIC ACTIVITIES THAT THE COMMISSION IDENTIFIES.

(D) AS NEEDED TO PROMOTE THE STATE'S POLICY GOALS UNDER § 7-802 OF THIS SUBTITLE, THE COMMISSION:

(1) SHALL REQUIRE EACH ELECTRIC COMPANY TO REPORT TO THE COMMISSION AND THE MARYLAND ENERGY ADMINISTRATION ON:

(I) THE FUNDING FOR WHICH THE ELECTRIC COMPANY HAS APPLIED;

(II) THE PURPOSES FOR WHICH THE FUNDING IS INTENDED TO BE USED;

(III) THE STATUS OF THE FUNDING APPLICATIONS; AND

(IV) CONDITIONS THAT MUST BE MET TO OBTAIN THE FUNDING; AND

**(2) MAY ADOPT REGULATIONS OR ISSUE ORDERS THAT REQUIRE ELECTRIC COMPANIES TO APPLY FOR FEDERAL AND OTHER AVAILABLE FUNDS IN A TIMELY MANNER.**

**7-804.**

**ON OR BEFORE JULY 1, 2025, THE COMMISSION SHALL ADOPT REGULATIONS OR ISSUE ORDERS TO IMPLEMENT SPECIFIC POLICIES FOR ELECTRIC DISTRIBUTION SYSTEM PLANNING AND IMPROVEMENTS IN ORDER TO PROMOTE THE STATE'S POLICY GOALS UNDER § 7-802 OF THIS SUBTITLE.**

**AMENDMENT NO. 8**

On pages 54 and 55, strike beginning with “(A)” in line 28 on page 54 down through “(B)” in line 8 on page 55.

On page 55, in line 10, after “FROM” insert “NO- OR”; in line 11, strike “RENEWABLE”; in line 23, after “Fund;” insert “AND”; and strike beginning with “THE” in line 24 down through “147.” in line 25.

On page 56, in line 9, after “THAT” insert “100% OF”; in line 11, strike “2030” and substitute “2031”; in line 20, strike “THE” and substitute “SUBJECT TO THE AVAILABILITY OF FUNDING, THE”; in line 22, strike “YEAR” and substitute “YEARS”; in the same line, after “2023” insert “THROUGH 2025, INCLUSIVE”; in line 24, strike “2024” and substitute “2026”; in the same line, strike “2025” and substitute “2027”; in the same line, strike “40%” and substitute “50%”; in line 27, after “(III)” insert “BEGINNING”; in the same line, strike “2026” and substitute “2028”; in the same line, strike “AT LEAST”; in the same line, strike “75%” and substitute “100%”; and in line 28, after “VEHICLES;” insert “AND”.

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On page 57, strike beginning with “BEGINNING” in line 1 down through “(V)” in line 4; and in line 16, after “DEPARTMENT” insert “OF GENERAL SERVICES”.

On pages 58 and 59, strike in their entirety the lines beginning with line 8 on page 58 through line 19 on page 59 and substitute “9-2010.”.

On page 59, in line 27, after “(D)” insert “(1)”; and strike in their entirety lines 31 and 32.

On page 60, in lines 1, 4, and 7, strike “(2)”, “(3)”, and “(4)”, respectively, and substitute “(I)”, “(II)”, and “(III)”, respectively; and after line 9, insert:

**“(2) THE HUB SHALL ALSO PROVIDE TECHNICAL ASSISTANCE FOR INCREASING BUILDING PERFORMANCE AND ENERGY EFFICIENCY FOR OTHER EXISTING AND NEW RESIDENTIAL PROPERTIES.”**

On page 61, strike beginning with “FOR” in line 6 down through “PERSONAL” in line 7 and substitute “PERSONAL”.

On page 69, in line 23, strike “EMPOWER” and substitute “EMPOWER MARYLAND”.

**AMENDMENT NO. 9**

On page 71, in line 8, strike the second “and”; and in line 13, after “section” insert “; and”

(vii) consider recommendations for the inclusion of renewable, low-carbon biofuels, including biodiesel, during the State’s transition to an all-electric building code including an analysis of the impact on electric and gas rates, market availability, and environmental impact”.

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On pages 71 and 72, strike in their entirety the lines beginning with line 22 on page 71 through line 6 on page 72, inclusive, and substitute:

“(c) (1) The Public Service Commission shall complete a general system planning study, for gas and electric companies with total gross annual revenues equal to or greater than 3% of the total gross annual revenues of all public service companies in the State, assessing the capacity of each company’s gas and electric distribution systems to successfully serve customers under a managed transition to a highly electrified building sector.

(2) The study required under paragraph (1) of this subsection shall:

(i) use a projection of average growth in system peak demand between 2021 and 2031 to assess the overall impact on each gas and electric distribution system;

(ii) compare future electric distribution system peak and energy demand load growth to historic rates;

(iii) consider the impacts of energy efficiency and conservation and electric load flexibility;

(iv) consider the capacity of the existing distribution systems and projected electric distribution system improvements and expansions to serve existing electric loads and projected electric load growth; and

(v) assess the effects of shifts in seasonal system gas and electric loads.

(3) (i) The Public Service Commission may work with consultants and experts to complete the study required under paragraph (1) of this subsection.

(Over)

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(ii) Gas and electric public service companies shall provide information to the Commission and its consultants and experts, as necessary, to complete the study required under paragraph (1) of this subsection.

(iii) The Commission may coordinate the preparation of the study under this subsection with that required for the annual report under § 7–802 of the Public Utilities Article, as enacted by Section 4 of this Act, and the interim reports required under Section 14 of this Act.

(4) On or before June 30, 2023, the Public Service Commission shall report its findings to the Legislative Policy Committee, in accordance with § 2–1257 of the State Government Article.”.

On page 72, after line 14, insert:

“SECTION 12. AND BE IT FURTHER ENACTED, That, with respect to the electric school bus pilot program under § 7–217 of the Public Utilities Article, as enacted by Section 4 of this Act:

(1) the General Assembly encourages program applicants to seek any federal funds that may be available to the applicants, including funds available under the federal Infrastructure and Investment Jobs Act; and

(2) where feasible, the General Assembly encourages pilot program applicants to produce or procure electricity generated by renewable resources to power electric school bus charging infrastructure.

SECTION 13. AND BE IT FURTHER ENACTED, That:

(a) The Maryland Green Building Council shall examine:



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(1) the use of environmental product declarations to measure the climate impact of concrete procured by the State;

(2) the use of performance incentives to encourage adoption of low-carbon materials and methods by concrete manufacturers that provide concrete for State-funded projects;

(3) the establishment of an expedited product evaluation, testing, and approval protocol for low-carbon concrete products;

(4) the implementation of performance-based specification standards for concrete, including requirements that a structural material achieve specified performance-based outcomes from the use of structural material, including outcomes related to strength, durability, permeability or other attributes related to the function of building material for applied uses; and

(5) the use of methods of compliance, including maximum cement content specifications and specifications based on maximum potential for global warming.

(b) In examining the items under subsection (a) of this section, the Maryland Green Building Council shall consult with:

(1) any relevant associations that set industry standards for the procurement of low-carbon concrete; and

(2) affected contractors and subcontractors to consider both environmental and health and safety impacts.

(c) On or before December 1, 2022, the Maryland Green Building Council shall report its findings and recommendations to the Governor and, in accordance with § 2-1257 of the State Government Article, the General Assembly.

(Over)

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SECTION 14. AND BE IT FURTHER ENACTED, That, on or before December 31, 2022, and December 31, 2023, the Public Service Commission shall provide interim reports on the status of matters required to be reported under § 7–802 of the Public Utilities Article, as enacted by Section 4 of this Act, to the House Economic Matters Committee and the Senate Finance Committee, in accordance with § 2–1257 of the State Government Article.”;

in lines 15, 19, 23, 26, and 30, strike “12.”, “13.”, “14.”, “15.”, and “16.”, respectively, and substitute “15.”, “17.”, “18.”, “19.”, and “20.”, respectively; in line 15, after “That” insert “§ 7–237(c) of the Tax – Property Article, as enacted under Section 4 of this Act, shall be applicable to all taxable years beginning after June 30, 2022.”

SECTION 16. AND BE IT FURTHER ENACTED, That”;

in line 16, strike “4” and substitute “8”; in line 17, strike “2026” and substitute “2030”; in line 24, strike “13” and substitute “17”; in line 31, strike “12” and substitute “16”; and in the same line, strike “15” and substitute “19”.