

**Amendment 1 to Council Bill No. 5-2023**

**BY: Christiana Rigby**

**Legislative Day No. 2**

**Date: February 6, 2023**

**Amendment No. 1**

*(This amendment defines “Net Zero Energy” and requires the Department to offer net zero energy standards for County government-owned buildings.)*

1 On the title page, in the purpose paragraph, in the fourth line, after “deadline,” insert “defining  
2 certain terms, requiring the Department to offer net zero energy standards for County  
3 government-owned buildings.”.

4

5 On page 3, after line 3, insert:

6 “(7) “NET ZERO ENERGY” MEANS THAT 100% OF THE OPERATIONAL ENERGY USE ASSOCIATED  
7 WITH A PROJECT IS OFFSET BY NEW ON-SITE RENEWABLE ELECTRICITY, AND IF THE MAXIMUM ON-  
8 SITE RENEWABLE ELECTRICITY IS INADEQUATE TO FULLY OFFSET THE OPERATIONAL ENERGY USE,  
9 OPERATIONAL ENERGY USE IS OFFSET BY USING OFF-SITE RENEWABLE ELECTRICITY SUPPLY.”

10

11 Also on page 3, in line 9, strike “AND”.

12

13 Also on page 3, after line 9, insert:

14 “(2) OFFER NET-ZERO ENERGY STANDARDS FOR COUNTY GOVERNMENT-OWNED BUILDINGS; AND”.

15

16 Also on page 3, in line 10, strike “(2)” and substitute “(3)”.

**I certify this is a true copy of**

Am 1 to CBS-2023

passed on Feb 6, 2023

Nichole Hassan  
**Council Administrator**

Amendment 2 to Council Bill No. 5-2023

BY: Christiana Rigby

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 2

*(This amendment seeks to have an inventory of County buildings and their current energy sources be included in the final report.)*

1 On the title page, in the purpose paragraph, in the fourth line, after “deadline,” insert “requesting  
2 the Department to provide an inventory of County buildings and their current energy sources.”  
3

3

4 On page 3

5 • In line 5, before “IN ACCORDANCE” insert “(1)”

6 • In line 7, strike “(1)” and substitute “(I)”

7 • In line 10, strike “(2)” and substitute “(II)”

8 • After line 12, insert:

9 “(2) THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS IS REQUESTED TO  
10 INCLUDE IN THE REPORT REQUIRED BY THIS SUBSECTION, AN INVENTORY OF COUNTY  
11 BUILDINGS AND THEIR CURRENT ENERGY SOURCES.”

**I certify this is a true copy of**  
Am 2 to CB 5-2023  
**passed on** Feb 6, 2023  
Michelle Kassar  
**Council Administrator**

Amendment 3 to Council Bill No. 5-2023

BY: David Yungmann

Legislative Day No. 2

Date: February 6, 2023

Amendment No. 3

*(This amendment removes references to additions and major renovations.)*

1 On page 2:

- 2 • Delete lines 18 and 19 in their entirety.
- 3 • Delete lines 26 to 29 in their entirety.
- 4 • Renumber the remaining paragraphs in subsection (a) accordingly.

5 On page 3:

- 6 • Beginning in line 8, strike “FOR ALL NEW CONSTRUCTION, MAJOR RENOVATIONS, AND
- 7 ADDITIONS”.
- 8 • In line 18, strike “, MAJOR RENOVATIONS, OR ADDITIONS”.

9

**I certify this is a true copy of**  
Am 3 to CBS-2023  
**passed on** Feb 6, 2023  
Michelle Perry  
**Council Administrator**

Failed

Amendment 4 to Council Bill No. 5-2023

BY: David Yungmann

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 4

*(This amendment adds as exemptions to be evaluated: specified fireplaces, outdoor grills and generators.)*

1 On page 2, in line 23, after “(4)” insert “(I)” and after line 25 insert:

2 “(II) COMBUSTION EQUIPMENT” DOES NOT INCLUDE A FIREPLACE, OUTDOOR GRILL, OR  
3 GENERATOR THAT USES FUEL GAS OR FUEL OIL, OR FACILITIES TO ACCOMMODATE ANY OF THEM.”

4

5 On page 4:

6 • in line 1, after “equipment”, insert “AND GENERATORS”.

7 • after line 1, insert “(III) FOR FACILITIES TO ACCOMMODATE A FIREPLACE, OUTDOOR GRILL,  
8 OR GENERATOR THAT USES FUEL GAS OR FUEL OIL;”

9 • in line 2, strike “(III)” and substitute “(IV)”;

10 • in line 4, strike “(IV)” and substitute “(V)”.

11

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Am 4 to CBS-2023

**passed on** Feb 6, 2023

*Failed*

Michelle Dore  
**Council Administrator**



**Amendment 5 to Council Bill No. 5-2023**

**BY: David Yungmann**

**Legislative Day No. 2**

**Date: February 6, 2023**

**Amendment No. 5**

*(This amendment changes the due date and contents for the report.)*

1 On the title page, in the purpose paragraph, after “considerations” insert “and specific matters  
2 regarding system capacity”.

3 On page 4:

4 • In line 6, before “TO THE” insert “(1)”.

5 • After line 9, insert:

6 “(2) THE REPORT REQUIRED BY SUBSECTION (B)(2) OF THIS SECTION SHALL INCORPORATE  
7 THE FINDINGS AND RECOMMENDATIONS THAT THE STATE BUILDING CODES  
8 ADMINISTRATION MAKES IN ITS FINAL REPORT AS REQUIRED BY SECTION 10(B)(3)(II) OF  
9 THE CLIMATE SOLUTIONS NOW ACT OF 2022, CHAPTER 38, ACTS OF THE GENERAL  
10 ASSEMBLY OF 2022.”

11 • In line 13, strike “December 29, 2023, so that the recommendations in the Report may be  
12 *appropriately included in the Building Code*” and substitute “90 30 days after publication  
13 of the Building Codes Administration’s final report as required by Section 10(b)(3)(ii) of  
14 the Climate Solutions Now Act of 2022, Chapter 38, Acts of the General Assembly of  
15 2022.”.

16

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Am 5 to CBS 2023  
**passed on** February 6, 2023

Michael Herrick  
**Council Administrator**

**Amendment 1 to Amendment 5 to Council Bill 5-2023**

**By: Opel Jones**

**Legislative Day No. 2  
Date: February 6, 2023**

**Amendment No. 1**

*(This amendment changes the due date to be 30 days after publication of the State report.)*

- 1 On page 1, line 12, strike "90" and substitute "30".

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Am 1 to Am 5 to CB 5-2023  
passed on Feb 6, 2023  
Nichole Darrin  
Council Administrator

Amendment 6 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 6

*(This amendment adds to the required report how the County plans to achieve climate action goals established in Executive Order 12-2022 in partnership with entities which receive County funds.)*

1 On the title page, in line 3 of the purpose paragraph, after “buildings” insert “and ways the  
2 County can achieve certain climate goals”.

3

4 On page 3, line 9, strike “AND”.

5

6 On page 3, line 12, strike “.” and substitute “; AND”

7

8 On page 3, after line 12, insert:

9

10 “(3) RECOMMENDATIONS ON HOW THE COUNTY WILL REDUCE EMISSIONS OF  
11 GREENHOUSE GASES FROM BOTH PUBLIC AND PRIVATE SECTORS TO NOT LESS THAN 60% BELOW  
12 2006 GREENHOUSE GAS EMISSION LEVELS BY 2030 OR A LEVEL CONSISTENT WITH CARBON  
13 NEUTRALITY BY 2045, AND IN EACH YEAR THEREAFTER; SPECIFYING HOW SUCH REDUCTION OF  
14 EMISSIONS WILL BE ACHIEVED WITH UNITS, DEPARTMENTS, OFFICES, OR AGENCIES RECEIVING  
15 FUNDS FROM THE COUNTY GOVERNMENT, INCLUDING THE HOWARD COUNTY PUBLIC SCHOOL  
SYSTEM.”

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Am 6 to CBS-2023  
**passed on** Feb 6, 2023

Michelle Sheppard  
**Council Administrator**



Amendment 7 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 7

*(This Amendment adds to the required report recommendations on how the permitting or approval standards and processes can be amended.)*

1 On the title page, in line 3 of the purpose paragraph, after “buildings” insert “and changes to  
2 certain infrastructure permitting and approval standards”.

3

4 On page 3, line 9, strike “AND”.

5

6 On page 3, line 12, strike “.” and substitute “; AND”

7

8 “(3) RECOMMENDATIONS ON HOW COUNTY PERMITTING OR APPROVAL STANDARDS AND

9 PROCESSES WILL BE AMENDED TO ENSURE NON-RENEWABLE ENERGY INFRASTRUCTURE EXPANSIONS OR

10 ADDITIONS ARE CONSISTENT WITH GREENHOUSE GAS EMISSIONS GOALS.”

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Am 7 to CB 5-2023

passed on Feb 6, 2023

Michelle Harrod  
Council Administrator

Failed

Amendment 8 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No.2  
Date: February 6, 2023

Amendment No. 8

*(This amendment adds to the required report how the County will maximize use of certain federal, state, and other climate action incentives to reduce greenhouse gas emissions.)*

1 On the title page, in line 3 of the purpose paragraph, after “buildings” insert “and ways the  
2 County can maximize use of certain funds”.

3

4 On page 3, line 9, strike “AND”.

5

6 On page 3, line 12, strike “.” and substitute “;AND”

7

8 On page 3, after line 12, insert:

9 (3) RECOMMENDATIONS ON HOW THE COUNTY WILL MAXIMIZE THE USE OF FEDERAL,

10 STATE, AND OTHER CLIMATE ACTION INCENTIVES INCLUDING THE INFRASTRUCTURE INVESTMENT

11 AND JOBS ACT AND THE INFLATION REDUCTION ACT TO REDUCE GREENHOUSE GAS EMISSIONS.

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Am 8 to CB 5-2023  
passed on Feb 6, 2023  
Michelle Harsh  
Council Administrator

Amendment 9 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 9

*(This amendment adds to the required report a study on the feasibility of different building standards.)*

1 On the title page, in line 3 of the purpose paragraph, after “buildings” insert “and the feasibility  
2 of certain building standards”.

3

4 On page 3, line 9, strike “AND”.

5

6 On page 3, line 12, strike “.” and substitute “; AND”

7

8 “(3) RECOMMENDATIONS ON INCENTIVIZING ADOPTION OF NET-ZERO ENERGY AND

9 PASSIVE HOUSE DESIGN STANDARDS AND CONCEPTS, INCLUDING SPECIFIC PERFORMANCE METRICS

10 AS TO HEATING AND COOLING ENERGY CONSUMPTION, PRIMARY ENERGY SOURCE, AIRTIGHTNESS, AND

11 AIR QUALITY.”

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Am 9 to CBS-2023

passed on Feb 6, 2023

Failed

Michelle Steward  
Council Administrator

Amendment 10 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No. 2

Date: February 6, 2023

Amendment No. 10

*(This adds to the required report recommendations on maximizing resident investment in climate infrastructure and appliance replacement and retrofit programs.)*

1 On the title page, in line 3 of the purpose paragraph, after “building” insert “and ways the  
2 County can maximize certain investments”.

3

4 On page 3, line 9, strike “AND”.

5

6 On page 3, line 12, strike “.” and substitute “;AND”

7

8 “(3) RECOMMENDATIONS ON HOW TO MAXIMIZE RESIDENT INVESTMENT IN CLIMATE

9 INFRASTRUCTURE, INCLUDING REBATES ON RENEWABLE ENERGY EQUIPMENT AND NON-RENEWABLE

10 ENERGY APPLIANCE REPLACEMENT AND RETROFIT PROGRAMS FOR LOW- AND MIDDLE-INCOME

11 RESIDENTS.”

**I certify this is a true copy of**

Am 10 to CB5-2023  
**passed on** Feb 6, 2023

Liz Walsh  
**Council Administrator**

1874

Amendment 11 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day No. 2  
Date: February 6, 2023

Amendment No. 11

*(This Amendment makes the County Executive responsible for the required report.)*

1 On the title page, in line 1 of the purpose paragraph, strike “Department of Inspections, Licenses,  
2 and Permits” and substitute “County Executive”.

3  
4 On the title page, in line 3 of the purpose paragraph, strike “Department” and substitute “County  
5 Executive”.

6  
7 Strike beginning on page 3 line 5 through line 9 on page 4, and substitute the following:

8 “THE COUNTY EXECUTIVE SHALL ISSUE A REPORT TO THE COUNTY COUNCIL ON:”

9 (1) RECOMMENDATIONS ON CHANGES TO THE BUILDING CODE NECESSARY TO  
10 ENACT ALL-ELECTRIC BUILDING STANDARDS FOR ALL NEW CONSTRUCTION,  
11 MAJOR RENOVATIONS, AND ADDITIONS;

12 (2) RECOMMENDATIONS THAT SPECIFY THE CHANGES THAT WOULD BE NEEDED IN  
13 THE HOWARD COUNTY BUILDING CODE TO IMPLEMENT THE  
14 RECOMMENDATIONS;

15 (3) AN EVALUATION OF:

16 (I) EXEMPTIONS FOR PROJECTS IF THE APPLICATION FOR A BUILDING  
17 PERMIT WAS SUBMITTED TO THE DEPARTMENT OF INSPECTIONS,  
18 LICENSES AND PERMITS BEFORE THE EFFECTIVE DATE OF THE ALL-  
19 ELECTRIC BUILDING STANDARDS; AND

20 (II) EXEMPTIONS FOR NEW CONSTRUCTION, MAJOR RENOVATIONS, OR  
21 ADDITIONS TO THE FOLLOWING BUILDINGS:

22 1. HOSPITALS;

23 2. MANUFACTURING AND PRODUCTION FACILITIES;

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- 3. CREMATORIES;
- 4. LIFE SCIENCES FACILITIES;
- 5. COMMERCIAL KITCHENS, RESTAURANTS, AND FOOD SERVICE ESTABLISHMENTS;
- 6. BREWERIES AND DISTILLERIES AND
- 7. FARMING AND AGRICULTURAL STRUCTURES;
- (III) BUILDINGS TO THE EXTENT THAT SYSTEMS IN THE BUILDINGS INVOLVE EMERGENCY BACKUP EQUIPMENT;
- (IV) ELECTRIC POWER OR STEAM GENERATING UTILITIES REGULATED BY THE MARYLAND PUBLIC SERVICE COMMISSION; AND
- (V) DISTRICT ENERGY SYSTEMS OR COMBINED HEAT AND POWER FACILITIES.

(4) CONSIDERATIONS. TO THE MAXIMUM DEGREE POSSIBLE, THE RECOMMENDATIONS AND EXEMPTIONS SHALL BE FORMULATED TO REQUIRE THE WIDESPREAD UTILIZATION, PARTICULARLY IN AFFORDABLE HOUSING, OF APPLIANCES AND TECHNOLOGIES THAT PROMOTE ENERGY EFFICIENCY, MINIMIZE ELECTRIC CONSUMPTION, AND PRIORITIZE A REDUCTION IN GREENHOUSE GAS EMISSIONS.”.

On page 4, line 12, strike “*the Department of Inspections, Licenses, and Permits*” and substitute “*the County Executive*”.

**I certify this is a true copy of**  
Am 11 to CBS-2023  
**passed on** Feb 6, 2023  
Michele Perry  
**Council Administrator**

Amendment 12 to Council Bill 5-2023

By: Christiana Rigby

Legislative Day No. 3

Date: March 6, 2023

Amendment No. 12

*(This amendment corrects typos in the Whereas clauses.)*

- 1 On page 1, in lines 13 and 29, strike "2023" and substitute "2022".

I certify this is a true copy of

Am 12 to CBS-2023

passed on March 6, 2023

Michelle Howard

Council Administrator



Amendment 13 to Council Bill No. 5-2023

BY: Deb Jung

Legislative Day 3  
Date: March 6, 2023

Amendment No. 13

*(This amendment adds to the required report recommendations on using stretch codes to enhance all-electric buildings and recommendations on the use of electric heat pumps versus electric resistance heat in affordable housing projects.)*

- 1 On page 3, in line 9, strike “AND”.
- 2
- 3 On page 3, in line 12, strike the period and substitute “.”.
- 4
- 5 On page 3, after line 12, insert:
- 6 “(3) RECOMMENDATIONS THAT SPECIFY WHICH STRETCH CODES CAN BE USED TO
- 7 ENHANCE ALL-ELECTRIC BUILDING STANDARDS REQUIRED BY THE CLIMATE SOLUTIONS NOW ACT
- 8 OF 2022, CHAPTER 38, ACTS OF THE GENERAL ASSEMBLY OF 2022; AND”
- 9 (4) RECOMMENDATIONS ON THE USE OF ELECTRIC HEAT PUMPS VERSUS BUILT-IN
- 10 ELECTRIC RESISTANCE HEAT COMMONLY USED IN AFFORDABLE HOUSING PROJECTS TO OFFSET
- 11 COSTS FOR LOW-INCOME HOUSEHOLDS.”

**I certify this is a true copy of**

Am 13 to CBS-2023

**passed on** March 6, 2023

Nicholas Oberer  
**Council Administrator**

Amendment 14 to Council Bill No. 5-2023

BY: Liz Walsh

Legislative Day 3  
Date: March 6, 2023

Amendment No. 14

*(This Amendment abrogates the bill following the adoption of the 2024 Building Codes.)*

1 On page 4, line 16, insert:

2 *“Section 3. Be It Further Enacted by the County Council of Howard County, Maryland,*  
3 *that the requirements of this Act shall remain in effect until Howard County amends the*  
4 *Howard County Building Code by adopting International Codes and, with no further*  
5 *action required by the County Council, this Act shall be abrogated and of no further*  
6 *force and effect.”*

7 On page 4, line 16, strike “3” and substitute “4”.

I certify this is a true copy of  
Am 14 to CBS-2023  
passed on March 6, 2023  
Nichelle Dawson  
Council Administrator