

SENATE BILL 592

P2, L6

0lr2169
CF 0lr3306

By: **Senators West, Guzzone, Hester, Klausmeier, Patterson, and Rosapepe**

Introduced and read first time: January 31, 2020

Assigned to: Education, Health, and Environmental Affairs

A BILL ENTITLED

1 AN ACT concerning

2 **State-Funded Construction and Major Renovation Projects – Solar Panels –**
3 **Requirement**

4 FOR the purpose of requiring the State, for certain construction projects and major
5 renovation projects proposed after a certain date, to require that the project be
6 designed, engineered, and constructed in a manner that allows the roof to withstand
7 the weight of solar panels; requiring certain construction projects and major
8 renovation projects to include the placement of the maximum number of solar panels
9 for which the project was designed; requiring the Maryland Green Building Council
10 to provide certain recommendations; stating the intent of the General Assembly;
11 providing for the application of certain provisions of this Act; defining certain terms;
12 and generally relating to State-funded construction and major renovation projects.

13 BY renumbering

14 Article – State Finance and Procurement
15 Section 3–602.2
16 to be Section 3–602.3
17 Annotated Code of Maryland
18 (2015 Replacement Volume and 2019 Supplement)

19 BY adding to

20 Article – State Finance and Procurement
21 Section 3–602.2
22 Annotated Code of Maryland
23 (2015 Replacement Volume and 2019 Supplement)

24 BY repealing and reenacting, with amendments,

25 Article – State Finance and Procurement
26 Section 4–809(f)
27 Annotated Code of Maryland
28 (2015 Replacement Volume and 2019 Supplement)

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
That Section(s) 3–602.2 of Article – State Finance and Procurement of the Annotated Code
of Maryland be renumbered to be Section(s) 3–602.3.

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

Article – State Finance and Procurement

3–602.2.

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

(2) “CONSTRUCTION PROJECT” MEANS THE CONSTRUCTION OF A
NEW BUILDING THAT IS PROPOSED TO HAVE A ROOF EXPANSE OF 4,000 OR MORE
SQUARE FEET.

(3) (I) “MAJOR RENOVATION PROJECT” MEANS THE RENOVATION
OF AN EXISTING BUILDING WHERE:

1. THE BUILDING IS TO BE RECONSTRUCTED AND
REUSED AFTER THE RENOVATION;

2. THE HEATING, VENTILATION, AND AIR
CONDITIONING, ELECTRICAL, AND PLUMBING SYSTEMS ARE TO BE REPLACED; AND

3. THE RECONSTRUCTED BUILDING WILL HAVE A ROOF
EXPANSE OF 4,000 OR MORE SQUARE FEET.

(II) “MAJOR RENOVATION PROJECT” DOES NOT INCLUDE A
ROOF REPLACEMENT WHERE THE ROOF REPLACEMENT IS THE ONLY OR PRIMARY
OBJECTIVE OF THE PROJECT.

(4) (I) “OBSTRUCTION” INCLUDES AN ACCESS HATCH AND
ROOF–MOUNTED INFRASTRUCTURE DESIGNED FOR:

1. HEATING;

2. VENTILATION;

3. AIR CONDITIONING; OR

1 4. PLUMBING.

2 (II) “OBSTRUCTION” DOES NOT INCLUDE PIPING OR
3 ELECTRICAL CONDUIT IF SOLAR PANELS CAN BE MOUNTED ABOVE THE PIPING OR
4 ELECTRICAL CONDUIT.

5 (5) “PUBLIC ENTITY” MEANS A UNIT OF STATE GOVERNMENT OR A
6 POLITICAL SUBDIVISION OF THE STATE.

7 (6) “ROOF EXPANSE” MEANS THE FLAT SURFACE AREA OF THE ROOF,
8 MINUS ANY OBSTRUCTIONS.

9 (B) (1) EXCEPT AS PROVIDED IN PARAGRAPH (2) OF THIS SUBSECTION,
10 THIS SECTION APPLIES ONLY TO A CONSTRUCTION PROJECT OR MAJOR
11 RENOVATION PROJECT THAT RECEIVES STATE FUNDS PERFORMED BY:

12 (I) A PUBLIC ENTITY; OR

13 (II) A NONPUBLIC ENTITY IN ACCORDANCE WITH ITS DUTIES
14 UNDER A PUBLIC-PRIVATE PARTNERSHIP AGREEMENT WITH A PUBLIC ENTITY.

15 (2) THIS SECTION DOES NOT APPLY TO A CONSTRUCTION PROJECT
16 OR MAJOR RENOVATION PROJECT THAT RECEIVES STATE FUNDS AS THE RESULT OF:

17 (I) AN AWARD OF A GRANT UNDER A MISCELLANEOUS GRANT
18 PROGRAM;

19 (II) A LOCAL HOUSE OF DELEGATES INITIATIVE; OR

20 (III) A LOCAL SENATE INITIATIVE.

21 (C) (1) (I) FOR EACH CONSTRUCTION PROJECT OR MAJOR
22 RENOVATION PROJECT PROPOSED AFTER DECEMBER 31, 2020, THE STATE SHALL
23 REQUIRE THAT THE PROJECT BE DESIGNED, ENGINEERED, AND CONSTRUCTED IN A
24 MANNER THAT ALLOWS THE ROOF TO WITHSTAND THE WEIGHT OF SOLAR PANELS.

25 (II) IT IS THE INTENT OF THE GENERAL ASSEMBLY THAT THE
26 DESIGN OF A CONSTRUCTION PROJECT OR MAJOR RENOVATION PROJECT MAXIMIZE
27 THE NUMBER AND EFFICIENCY OF SOLAR PANELS THAT MAY BE PLACED ON THE
28 ROOF.

29 (2) A CONSTRUCTION PROJECT OR MAJOR RENOVATION PROJECT
30 DESIGNED, ENGINEERED, AND CONSTRUCTED TO WHICH SUBSECTION (C)(1) OF

1 **THIS SECTION APPLIES SHALL INCLUDE THE PLACEMENT OF THE MAXIMUM**
2 **NUMBER OF SOLAR PANELS FOR WHICH THE CONSTRUCTION PROJECT OR MAJOR**
3 **RENOVATION PROJECT WAS DESIGNED.**

4 4–809.

5 (f) The Maryland Green Building Council shall:

6 (1) evaluate current high performance building technologies;

7 (2) provide recommendations concerning the most cost-effective green
8 building technologies that the State might consider requiring in the construction of State
9 facilities, including consideration of the additional cost associated with the various
10 technologies;

11 (3) provide recommendations concerning how to expand green building in
12 the State;

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

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

17 (6) develop guidelines for new public school buildings to achieve the
18 equivalent of the current version of the U.S. Green Building Council's LEED (Leadership
19 in Energy and Environmental Design) Green Building Rating System Silver rating or a
20 comparable rating system or building code as authorized in § 3–602.1 of this article without
21 requiring an independent certification that the buildings have achieved the required
22 standards; **AND**

23 **(7) PROVIDE RECOMMENDATIONS FOR DESIGN CONSIDERATIONS**
24 **CONSISTENT WITH THE STATEMENT OF INTENT IN § 3–602.2 OF THIS ARTICLE.**

25 **SECTION 3. AND BE IT FURTHER ENACTED,** That this Act shall take effect
26 **October 1, 2020.**