

# STATE OF NEW YORK

11488

## IN ASSEMBLY

May 28, 2026

Introduced by COMMITTEE ON RULES -- (at request of M. of A. R. Carroll)  
-- read once and referred to the Committee on Governmental Operations

AN ACT to amend the executive law, in relation to requiring the use of a water demand calculator in new construction and substantial renovations and establishing an advisory board to monitor such usage

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. Section 378 of the executive law is amended by adding a new  
2 subdivision 21 to read as follows:

3 21. a. Standards for the use of a water demand calculator in new  
4 construction and substantial renovations requiring that:

5 (i) all plumbing system designers, architects, and builders shall use  
6 a water demand calculator to determine pipe and fixture sizing for use  
7 in all covered buildings;

8 (ii) calculations for pipe and fixture sizing based on a water demand  
9 calculator shall be submitted as part of any construction permit appli-  
10 cation for a covered building;

11 (iii) building permit approval for covered buildings shall be contin-  
12 gent upon verified use of a water demand calculator; and

13 (iv) failure to comply with the requirements of this paragraph shall  
14 result in design rejection or delayed permits for covered buildings.

15 b. The council shall be authorized to certify water demand calculators  
16 deemed technically sound for use in covered buildings.

17 c. As used in this subdivision, the following terms shall have the  
18 following meanings:

19 (i) "Water demand calculator" shall mean an algorithm, such as the  
20 uniform plumbing code appendix M water demand calculator, certified  
21 pursuant to paragraph b of this subdivision to be used to estimate the  
22 water demand of a building.

23 (ii) "Covered building" shall mean any new construction or substantial  
24 renovation of a single-family or multi-unit residential building.

25 (iii) "Substantial renovation" shall mean a project that involves the  
26 full replacement of a plumbing system, significant changes to existing  
27 plumbing systems, and renovations or conversions that require new plumb-

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

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1 ing layout permits. "Substantial renovation" shall not include struc-  
2 tural or cosmetic renovations which require permitting but are unrelated  
3 to plumbing systems.

4 § 2. Section 374 of the executive law is amended by adding a new  
5 subdivision 10 to read as follows:

6 10. a. The chairperson of the council shall appoint an advisory board  
7 on water demand calculator usage in covered buildings.

8 b. Such advisory board shall monitor the use of water demand calcula-  
9 tors in new construction and substantial renovations of covered build-  
10 ings pursuant to the provisions of subdivision twenty-one of section  
11 three hundred seventy-eight of this article, and shall monitor and keep  
12 records of cost savings resulting from the use of such water demand  
13 calculators in covered buildings.

14 c. As used in this subdivision, the following terms shall have the  
15 following meanings:

16 (i) "Water demand calculator" shall mean an algorithm, such as the  
17 uniform plumbing code appendix M water demand calculator, certified  
18 pursuant to paragraph b of subdivision twenty-one of section three  
19 hundred seventy-eight of this article to be used to estimate the water  
20 demand of a building.

21 (ii) "Covered building" shall mean any new construction or substantial  
22 renovation of a single-family or multi-unit residential building.

23 (iii) "Substantial renovation" shall mean a project that involves the  
24 full replacement of a plumbing system, significant changes to existing  
25 plumbing systems, and renovations or conversions that require new plumb-  
26 ing layout permits. "Substantial renovation" shall not include struc-  
27 tural or cosmetic renovations which require permitting but are unrelated  
28 to plumbing systems.

29 § 3. This act shall take effect one year after it shall have become a  
30 law.