STATE OF NEW YORK

10505

IN SENATE

May 15, 2026

Introduced by Sen. KAVANAGH -- read twice and ordered printed, and when printed to be committed to the Committee on Housing, Construction and Community Development

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:

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

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

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

(ii) calculations for pipe and fixture sizing based on a water demand calculator shall be submitted as part of any construction permit application for a covered building;

(iii) building permit approval for covered buildings shall be contingent upon verified use of a water demand calculator; and

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

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

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

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

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

(iii) "Substantial renovation" shall mean a project that involves the full replacement of a plumbing system, significant changes to existing

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

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plumbing systems, and renovations or conversions that require new plumbing layout permits. "Substantial renovation" shall not include structural or cosmetic renovations which require permitting but are unrelated to plumbing systems.

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

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

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

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

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

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

(iii) "Substantial renovation" shall mean a project that involves the full replacement of a plumbing system, significant changes to existing plumbing systems, and renovations or conversions that require new plumbing layout permits. "Substantial renovation" shall not include structural or cosmetic renovations which require permitting but are unrelated to plumbing systems.

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