



**STATE OF NEW HAMPSHIRE**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
**BUREAU OF PUBLIC WORKS DESIGN & CONSTRUCTION**  
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LINDA M. HODGDON  
Commissioner

**HIGH PERFORMANCE DESIGN STANDARD**

The following requirements are to be implemented in the design and construction of State funded projects for State owned properties, per SB 0409, 2010 and the State Building Code section 155-A:13.

I. Any new construction, reconstruction, alteration, or maintenance in any state owned building, plant, fixture, or facility, as defined by Chapter 155-A:13 of the State Building Code and its noted exceptions, shall conform to standards not less than those established by Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings, as published by ANSI/ASHRAE/USGBC/IES, the code and amendments to the code.

(a) The following sections of Standard 189.1-2009 shall be deleted:

- (1) Section 4, Administration and Enforcement.
- (2) Section 9, The Building's Impact on the Atmosphere, Materials and Resources.
- (3) Section 10, Construction and Plans for Operation.

(b) To the extent that there is any conflict between the current State Energy Code requirements of the current State Building Code and Standard 189.1-2009, where the current State Building Code is less stringent, Standard 189.1-2009 shall take precedence.

(c) The Reviewing Official shall be the Commissioner of the Department of Administrative Services or his or her designee. The role of the Reviewing Official shall be to review for compliance with this Design Standard.

(d) Appeals by persons aggrieved by decisions of the Reviewing Official shall be made in accordance with RSA 21-I:86.

II. Provisions of the above noted Standard shall be implemented to the maximum extent possible, while remaining at or below the allowable 10-year payback period, per RSA 155-A:13. It will be the responsibility of the project team, including Reviewing Official, Owner, Architect and Engineers of record, to make recommendations for the most appropriate aspects of Standard 189.1-2009 to include under the 10-year payback, based upon the nature and scope of a project. The payback period shall be calculated by estimating the following:

(a) Additional project costs in excess of costs that would be required to meet the current State Building Code at the time of design.

(b) Annual utility energy cost savings anticipated, in excess of utility costs that would be expected if the project were built to meet the current State Building Code at the time of design.

(c) Utility costs over the ten-year period shall be calculated using the current utility cost rates at the time of design.

(d) The following construction or renovation projects shall be exempt from the requirements of this Design Standard:

- (1) A building or structure that is less than 25,000 square feet.
- (2) A building or structure that does not consume energy for heating, ventilating, or air conditioning.
- (3) A renovation or modification that is estimated to cost less than \$1,000,000.
- (4) Temporary structures.
- (5) Public school facilities that are subject to RSA 198:15-c.
- (6) The university system of New Hampshire.
- (7) Projects employing new, innovative, or experimental energy efficient technology that may not recoup their incremental costs within 10 years, as may be determined by the commissioner of the department of administrative services to be in the best interest of the state.
- (8) Any building or structure that is listed in the State or National Register of Historic Places; designated as a historic property under local or state designation law or survey; certified as a contributing resource with a National Register listed or locally designated historic district; or with an opinion or certification that the property is eligible to be listed on the National or State Registers of Historic Places either individually or as a contributing building to a historic district by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places.

III. These policy requirements shall be reviewed annually, with applicable revisions to be implemented each year on the 1st of July. The review and revision process shall be implemented by the Commissioners of the Department of Environmental Services and the Department of Administrative Services, in consultation with the Division of Historic Resources and the Community College System.