

DEB Notice 121510 – Virginia Energy Conservation & Environmental Standards

Effective: December 15, 2010

The following supersedes the DEB Notice 120108. Sections 709.0 and 709.1 are replaced as indicated below, and Section 709.2 is deleted. Projects with an approved Preliminary Design prior to the effective date of this DEB Notice may use DEB Notice 120108 to comply with Virginia Energy & Conservation Standards.

Add the following to the Construction and Professional Services Manual:

Section 709.0 Energy Conservation and Environmental Performance

State Agencies and Architects / Engineers shall ensure that new construction and renovation of buildings is performed in accord with the following minimum standards for energy conservation and environmental performance.

Individuals who perform the compliance modeling must have obtained a Building Energy Modeling Professional Certification such as ASHRAE Certification. Similar qualifications will be considered individually.

Section 709.1 Virginia Energy Conservation and Environmental Performance Standards

All executive branch agencies and institutions entering the design phase for: 1) construction of a new building greater than 5000 gross square feet in size, or 2) renovation of greater than 5000 square feet of a building where the cost of renovation exceeds 50 percent of the value of the building, the new construction and/or renovation shall be designed and constructed consistent with either method A, B or C of the following energy conservation and environmental performance standards.

A. Leadership in Energy and Environmental Design (LEED 2009 for New Construction & Major Renovations)

Obtain a minimum of 50 points. (LEED Silver 50/100)
Demonstrate compliance by the following method:
Submit copy of USGBC LEED certification to DEB.

B. Green Globes

Obtain a minimum of 2 Globes.
Demonstrate compliance by the following method:
Submit copy of Green Globes certification to DEB.

C. Virginia Energy Conservation and Environmental Performance Standards

Comply with the ICC International Green Construction Code, Public Version 1.0, dated March 2010 as modified herein.

Public Version 1.0 of ICC International Green Construction Code will remain in effect unless modified by a DEB Notice even if updated versions of the code are released. The minimum requirements to comply with the Virginia Energy Conservation and Environmental Performance Standards determined by the Division of Engineering and Buildings are identified in the attached Compliance Matrix.

Incorporate the following modifications into the ICC International Green Construction Code:

- Chapters 1 and 3 are not used.
- Chapters 2 and 12 are for reference only.
- Appendices A,B,C, and D are not used
- Required code sections in Chapters 4 through 11 are listed in the Compliance Matrix.
 - When a Code Section is listed in the Compliance Matrix, and associated Code sub-sections are not listed, compliance with all sub-sections is required.
 - Where Code sub-sections are listed, only those Code sub-sections listed are required.
- Disregard references to Table 302.1.
- Modifications to required code sections are described in “Remarks” column of Compliance Matrix.
- Project Electives determined by the Agency.
- Documentation requirements listed in the ICC International Green Construction Code are only required to be submitted to Agency at Agency’s request.
- Change “Code Official” to “Agency.”
- Change “AHJ” to “Agency.”

Demonstrate compliance by the following method:

Submit copy of completed Virginia Energy Conservation and Environmental Performance Standards Compliance Matrix to DEB.