

Department of Planning and Budget

2021 Fiscal Impact Statement

1. Bill Number: HB2001

House of Origin	<input type="checkbox"/> Introduced	<input checked="" type="checkbox"/> Substitute	<input type="checkbox"/> Engrossed
Second House	<input type="checkbox"/> In Committee	<input type="checkbox"/> Substitute	<input type="checkbox"/> Enrolled

2. Patron: Helmer

3. Committee: Appropriations

4. Title: Building standards for certain state and local buildings.

5. Summary: Requires that any executive branch agency or institution or locality entering the design phase for the construction of a new building greater than 5,000 gross square feet in size or the renovation of a building where the cost of the renovation exceeds 50 percent of the value of the building ensure that such building has sufficient electric vehicle charging infrastructure, defined in the bill, and has features that permit the agency or institution to track the building's energy efficiency and carbon emissions. The bill clarifies the process by which the Director of the Department of General Services may grant exemptions to such standards by adding that such exemptions must be in writing and with certain terms. The bill requires agencies to annually report to the Governor the energy efficiency and carbon emissions metrics for each such building built or renovated and provide energy and carbon metric benchmarking data for any building completed during the prior fiscal year.

The bill requires localities to design such building projects according to similar, but not identical, standards. Local high performance building certification programs must be certified using the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) green building rating standard or the Green Building Initiative's "Green Globes" building standard, or meets the requirements of the Virginia Energy Conservation and Environmental Standards (VEES). Such buildings must have sufficient zero-emissions vehicle charging and fueling infrastructure, defined in the bill, and has features that permit the agency or institution to measure the building's energy consumption and associated carbon emissions, including metering of all electricity, gas, water, and other utilities and incorporates appropriate resilience and distributed energy features. The bill allows for any such construction or renovation of a building that is less than 20,000 gross square feet in size, the locality may instead ensure that such building achieves the relevant ENERGY STAR certification and implement mechanical, electrical, plumbing, and envelope commissioning. The bill requires that any exemption from the standards granted by resolution of the governing body of a locality be made in writing and explain the basis for granting the exemption. Localities are enabled by the bill to also exceed the standards of the bill.

6. Budget Amendment Necessary: No.

7. Fiscal Impact Estimates: Preliminary - There is an indeterminate fiscal impact on future construction costs. See Item 8.

8. Fiscal Implications:

Capital Construction

The fiscal impacts of this bill are indeterminate. The bill requires that new buildings greater than 5,000 square feet in size constructed by the state and certain renovated state-owned buildings have sufficient space to provide electric vehicle charging stations and related infrastructure, including transformers, service equipment, and large conduit, to support every centralized fleet vehicle that will be located at such building. Such buildings will also be required to have features that permit the agency or institution to track the building's energy efficiency and associated carbon emissions, including metering of all electricity, gas, water, and other utilities. Per the Department of General Services, the inclusion of these requirements is likely to increase the costs for construction and renovations. Such costs would be included in the cost of any authorized capital project subject to the provisions of the bill.

9. Specific Agency or Political Subdivisions Affected: Department of General Services, institutions of higher education, and local public bodies.

10. Technical Amendment Necessary: Lines 68 and 70, reference the “Department”, but in the context of Title 15.2, *Code of Virginia*, “Department” is not defined. Clarification could be provided, assuming the intent is to reference the Virginia Department of General Services: Line 68, after “Department”, insert “of General Services”. Line 70, after “Department”, insert “of General Services”.

11. Other Comments: None.

Date: January 27, 2021
File: HB2001H2.docx