

'24 DGS SB 258 Energy Conservation & Greenhouse G

Uploaded by: Atif Chaudhry

Position: FAV

BILL: **Senate Bill 258**
Department of General Services - State Buildings & Facilities -
Energy Conservation & Greenhouse Gas Emissions Reductions

COMMITTEE: Senate Education, Energy & Environment

DATE: January 31, 2024

POSITION: Support

The Department of General Services (DGS) provides the following comments in support of Senate Bill 258 - Department of General Services - State Buildings & Facilities - Energy Conservation & Greenhouse Gas Emissions. This bill is being offered as a departmental bill.

This Bill incorporates into Statute the goals of Governor Moore’s 2023 Executive Order, “Leading by Example in State Government.” The bill amends and updates current statute to include energy savings goals and greenhouse gas (GHG) mandates, including:

- an increase in energy savings for State-owned buildings from 10% by 2029 to 20% by 2031;
- a revision of the High-Performance Green Building Program to align it with the State’s climate goals;
- directing DGS to expand the energy performance contracting program;
- DGS to provide oversight on progress, conduct an annual audit, maintain data and reporting through our comprehensive utility records management database;
- directing all units of state government to implement projects and initiatives to conserve energy and reduce GHG emissions.

The Bill helps to harmonize State buildings with the State’s climate goals and reinforces and expands on requirements in the Climate Solutions Now Act of 2022. Senate Bill 258 focuses solely on State government operations as it looks to reduce the energy use and the carbon footprint of all existing State-owned buildings while providing support for one of our most powerful tools, energy performance contracting. Energy performance contracts are energy projects that are paid for through financial savings and have been used by Maryland State government since the 1990s to deliver \$25 million in annual

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DGS-Senate Bill 258

savings and 112,000 tons of abated CO₂. The Bill also addresses the need to update the High-Performance Green Building Program to align it with the State's goal to achieve net zero GHG emissions by 2045.

As the support agency delivering expertise, essential services and facilities operations and management to the State, DGS is well-positioned to oversee the transition of State facilities to a more sustainable model as we have seen a 21% reduction in GHG emissions in State government since 2018.

Thank you for your consideration of Senate Bill 258. For additional information, contact Ellen Robertson at Ellen.Robertson@maryland.gov or 410-260-2908 or Lisa Nissley at Lisa.Nissley1@maryland.gov or 410-260-2922.

SB0258_State_Buildings_Energy_Conservation_MLC_FAV

Uploaded by: Cecilia Plante

Position: FAV



TESTIMONY FOR SB0258
DEPARTMENT OF GENERAL SERVICES - STATE BUILDINGS AND FACILITIES –
ENERGY CONSERVATION AND GREENHOUSE GAS EMISSIONS REDUCTIONS

Bill Sponsor: Chair, Education, Energy, and the Environment

Committee: Education, Energy, and the Environment

Organization Submitting: Maryland Legislative Coalition

Person Submitting: Cecilia Plante, co-chair

Position: FAVORABLE

I am submitting this testimony in favor of SB0258 on behalf of the Maryland Legislative Coalition. The Maryland Legislative Coalition is an association of activists - individuals and grassroots groups in every district in the state. We are unpaid citizen lobbyists and our Coalition supports well over 30,000 members.

This bill, if enacted, would provide enabling legislation to put state-owned facilities on the path to achieving the state's statutory greenhouse gas reduction requirements. It will do several things –

- Update the High-Performance Green Building Program to align with the state's goal of achieving net zero greenhouse gas requirements by 2045
- Identify the state-owned buildings that are potential candidates for energy savings performance contracts and require departments to provide on-site support for achieving the energy savings performance contracts
- Audit 2M square feet of state-owned facilities and include best practices and low-cost measures for reducing greenhouse gases and increasing energy efficiency and require each department that occupies space in the audited facilities to implement the measures described in the audit

There are other provisions which are more forward-looking, which require departments to use the provisions of the state's energy efficiency and greenhouse gas reduction goals whenever they lease new space.

Our members believe that it is vitally important to take serious steps to reduce statewide greenhouse gas emissions, and we are very supportive of this legislation. It is an important step towards leaving a better world for our children.

We support this bill and recommend a **FAVORABLE** report in committee.

ASHRAE Testimony for MD SB 258.pdf

Uploaded by: Jacob Karson

Position: FAV



Shaping Tomorrow's Built Environment Today

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Ginger Scoggins
2023-2024 ASHRAE President

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January 29, 2024

The Honorable Senator Brian Feldman, Chair
The Honorable Senator Cheryl Kagan, Vice Chair
Senate Committee on Education, Energy, and the Environment
2 West
Miller Senate Office Building
Annapolis, MD 21401

Letter sent via email to:
Brian.Feldman@senate.state.md.us
Cheryl.Kagan@senate.state.md.us

RE: MD SB 258 “Department of General Services - State Buildings and Facilities – Energy Conservation and Greenhouse Gas Emissions Reductions”

Dear Chair Feldman and Vice Chair Kagan:

I am writing on behalf of ASHRAE, the American Society of Heating Refrigerating, and Air Conditioning Engineers, to support the goals of Maryland Senate Bill 258, titled “Department of General Services - State Buildings and Facilities - Energy Conservation and Greenhouse Gas Emissions Reductions” that sits before the Senate Committee on Education, Energy, and the Environment. ASHRAE, founded in 1894, is a global professional society of more than 53,000 members, including 1,005 in Maryland, that focuses on building systems, energy efficiency, indoor air quality, refrigeration, and sustainability. Through our research, standards writing, publishing, certification, and continuing education, ASHRAE shapes tomorrow’s built environment today.

As a professional Society comprised of many of the engineers who design the air moving, cooling, and heating systems that account for the majority of energy used in our built environment, ASHRAE’s position is that energy use efficiency improvement for both new and existing buildings should be pursued aggressively as to achieve meaningful reductions in energy

consumption and greenhouse gas emissions. Buildings and their construction are responsible for 36% of global final energy consumption and nearly 40% of total direct and indirect carbon dioxide emissions. We believe that this legislation, which would increase the average energy consumption reduction target for State buildings, update the High Performance Green Building Program, and mandate emission audits, would be a powerful mechanism for reducing carbon emissions and energy consumption. We are also pleased to see that this legislation is aligned with Maryland's goal of achieving a 60% reduction in climate pollution by 2031 and achieving net zero emissions by 2045.

ASHRAE writes multiple standards that are relevant to your effort, including ASHRAE Standard 90.1-2022 *Energy Standard for Buildings Except Low-Rise Residential Buildings* and ASHRAE Standard 100-2018 *Energy Efficiency in Existing Buildings*, as well as the International Green Construction Code (IgCC), a high performance building code that is powered by ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1 *Standard for the Design of High-Performance Green Buildings*. We appreciate that the 2019 edition of ASHRAE Standard 90.1 and the 2021 edition of the IgCC are already adopted by Maryland and will likely inform the execution of this legislation.

We appreciate your consideration of ASHRAE's comments regarding MD SB 258. ASHRAE supports the goals of MD SB 258, which we strongly believe will enhance energy efficiency in the built environment in the state of Maryland. If you have any questions or need additional information, please feel free to contact GovAffairs@ashrae.org. ASHRAE is here to be a resource to you for all things related to both the built environment and HVAC&R.

On behalf of our over 1,000 ASHRAE members in Maryland, thank you for your work to improve the built environment and improve the lives of Maryland's residents.

Sincerely,



Ginger Scoggins
ASHRAE President



Theresa R. Schroeder, PE
ASHRAE Baltimore Chapter President



Tyler Brown
ASHRAE Baltimore Chapter Government Affairs Chair

Cc: AA_EHE@mlis.state.md.us

SB258_DGS State Buildings - Energy Conservation GH

Uploaded by: Laurie McGilvray

Position: FAV



Committee: Education, Energy and the Environment
Testimony on: SB258- Department of General Services-State Buildings and Facilities - Energy Conservation and Greenhouse Gas Emissions Reductions
Organization: Maryland Legislative Coalition Climate Justice Wing
Submitting: Laurie McGilvray, Co-Chair
Position: Favorable
Hearing Date: January 31, 2024

Dear Chair and Committee Members:

Thank you for allowing our testimony today in support of SB258. The Maryland Legislative Coalition (MLC) Climate Justice Wing, a statewide coalition of nearly 30 grassroots and professional organizations, urges you to vote favorably on SB258.

According to the Maryland Department of the Environment, fuel use in buildings accounts for 16% of total emissions in the state.¹ State buildings are included in this calculation. Maryland should set an example and lead the way in reducing greenhouse gas (GHG) emissions from its buildings. This bill demonstrates the state's leadership in addressing climate change, while also making a real contribution toward GHG emission reduction.

SB258 strengthens the GHG emission reduction goals for state buildings from 10 % to 20% and extends the timeframe by two years (from 2029 to 2031). The bill also requires the Maryland Green Building Council, on or before October 1, 2024, to update the High-Performance Green Building Program to align with the State's goal to achieve net-zero emissions by 2045. SB258 also requires the Department of General Services (DGS) to identify state-owned facilities that are potential candidates for energy savings performance contracts, and to work with state agencies on such contracts. Finally, the bill includes provisions for building audits and data collection on energy use and GHG emissions to be used in implementing energy conservation projects in state buildings. DGS must report on annual progress to the Governor.

We recommend a **FAVORABLE** report for SB258 in committee.

350 MoCo
Adat Shalom Climate Action

¹ Maryland Department of the Environment. [“Reducing Greenhouse Gas Emissions in Maryland: A Progress Report.”](#) Sept. 2022, page 6.

Cedar Lane Unitarian Universalist Church Environmental Justice Ministry
Chesapeake Earth Holders
Chesapeake Physicians for Social Responsibility
Climate Parents of Prince George's
Climate Reality Project
ClimateXChange – Rebuild Maryland Coalition
Coming Clean Network, Union of Concerned Scientists
DoTheMostGood Montgomery County
Echotopia
Elders Climate Action
Fix Maryland Rail
Glen Echo Heights Mobilization
Greenbelt Climate Action Network
HoCoClimateAction
IndivisibleHoCoMD
Maryland Legislative Coalition
Mobilize Frederick
Montgomery County Faith Alliance for Climate Solutions
Montgomery Countryside Alliance
Mountain Maryland Movement
Nuclear Information & Resource Service
Progressive Maryland
Safe & Healthy Playing Fields
Takoma Park Mobilization Environment Committee
The Climate Mobilization MoCo Chapter
Unitarian Universalist Legislative Ministry of Maryland
WISE

sb258, energy standards, State buildings, EEE 1-31

Uploaded by: Lee Hudson

Position: FAV



Delaware-Maryland Synod
Evangelical Lutheran Church in America
God's work. Our hands.

Testimony Prepared for the
Education, Energy, and the Environment Committee
on
Senate Bill 258
January 31, 2024
Position: **Favorable**

Mr. Chairman and members of the Committee, thank you for the opportunity to support energy conservation in Maryland's building inventory. I am Lee Hudson, assistant to the bishop for public policy in the Delaware-Maryland Synod, Evangelical Lutheran Church in America. We are a faith community with three judicatories in every part of our State.

Senate Bill 258 codifies **Executive Order 01.01.2023.07**, increasing the portfolio of present and future structures that reduce greenhouse gas emissions sufficient to achieve Maryland's GGR goals.

It will make a good citizen of the State by complying with the intentions of its legislative record. We have supported Maryland policies and goals for GGR because of our commitment to caring for created goodness ("Caring for Creation," ELCA, 1993).

We, therefore, ask your favorable report for **Senate Bill 258**.

Lee Hudson

MDE SB258 SUP.pdf

Uploaded by: Les Knapp

Position: FAV



The Maryland Department of the Environment
Secretary Serena McIlwain

Senate Bill 258

***Department of General Services - State Buildings and Facilities - Energy
Conservation and Greenhouse Gas Emissions Reductions***

Position: Support

Committee: Education, Energy, and the Environment Committee

Date: January 31, 2024

From: Jeremy D. Baker

The Maryland Department of the Environment (MDE) **SUPPORTS** SB 258. The bill demonstrates efforts to lead by example on energy conservation best practices by the Maryland Department of General Services (DGS). This bill would strengthen the State's goals in reducing energy consumption in State buildings to better align with statewide greenhouse gas ("GHG") reduction goals.

Bill Summary

The bill increases the present requirement to reduce energy consumption in State-owned buildings, from 10% below 2018 levels by 2029 to 20% below 2018 levels by 2031. DGS must conduct an audit of at least 2 million square feet of State buildings annually, identifying best practices and low-cost measures to increase energy efficiency and reduce GHG emissions. While existing law allows an energy audit for only the least-efficient State-owned buildings, the bill would allow DGS to audit any State-owned building. Units operating in spaces subject to an energy audit would be required to implement measures and engage in one year of energy use monitoring and emission reductions tracking.

Position Rationale

This bill assists Maryland in meeting its climate change pollution reduction goals by establishing and implementing an energy savings target for State facilities. DGS will be better able to: (1) collect data for benchmarking reporting purposes; (2) use an energy consumption database tool; (3) establish a more ambitious net zero goal under the Green Building Council for new buildings and major renovation projects; and (4) create a statewide goal of 20% reductions in energy consumption. The Climate Solutions Now Act requires that Building Energy Performance Standards ([BEPS](#)) aim for 20% statewide covered buildings emissions reductions by 2030 and net-zero by 2040, including State facilities that are 35,000 square feet or larger. The bill aligns State agencies' ability to be in compliance with BEPS, as well as with Governor Moore's Executive Order 01.01.2023.7 on [Leading by Example in State Government](#).

For the reasons detailed above, MDE urges a **FAVORABLE** report for SB 258.

Contact: Les Knapp, Government Relations Director
Cell: 410-453-2611, Email: les.knapp@maryland.gov

SB 258 Department of General Services – Energy Con

Uploaded by: Mariana Rosales

Position: FAV



Protecting nature. Preserving life.

The Nature Conservancy
Maryland/DC Chapter
425 Barlow Pl., Ste 100
Bethesda, MD 20814

tel (301) 897-8570
fax (301) 897-0858
nature.org

Wednesday, January 31, 2024

TO: Brian Feldman, Chair of the Senate Education, Energy and the Environment Committee, and Committee Members

FROM: Mariana Rosales, The Nature Conservancy, Director of Climate; Michelle Dietz, The Nature Conservancy, Director of Government Relations; Cait Kerr, The Nature Conservancy, State Policy Manager

POSITION: Support SB 258 Department of General Services – Energy Conservation and Greenhouse Gas Emissions Reductions

The Nature Conservancy (TNC) supports SB 258 offered by the Administration. SB 258 will change the State's goals for reducing energy consumption in State buildings and requires the Maryland Green Building Council to update the High Performance Green Building Program. This bill is consistent with the Maryland Commission on Climate Change's (MCCC) recommendations in the Building Energy Transition Plan, which aims to decarbonize buildings across the state, and with the recommendations in the Climate Pollution Reduction Plan issued last year.

TNC, as a member of the Mitigation Working Group and the Buildings Sub-Group, provided funding for the Maryland Building Decarbonization Study, which supported the MCCC's Building Energy Transition Plan. According to the Greenhouse Gas Emissions Inventory, buildings sector emissions accounted for approximately 16.6 percent of the state's total greenhouse gas emissions in 2020. This is the third largest emissions source in the state. The Building Energy Transition Plan calls on the state to lead by example through electrifying and decarbonizing state buildings, including requiring that all new state-owned buildings and major renovations to existing state-owned buildings use efficient electric systems. Maryland's 2030 Greenhouse Gas Reduction Act (GGRA) Plan calls for electrifying fossil fuel end-uses in buildings.

SB 258 puts into action the MCCC's recommendations in order to set Maryland on a clear path toward significant buildings sector emissions reductions. Under this proposed legislation, government buildings will better align with the administration's goals to achieve 50% reductions by 2030 and reach net-zero by 2035.

Renewable energy sources and a clean energy economy are essential to reaching state, national, and global low-carbon energy goals and combatting the negative health and environmental impacts caused by fossil fuels.

TNC commends the Administration and the Department of General Services for continuing to raise the bar for Maryland's climate commitments and advancing climate solutions that can provide valuable environmental, economic, and public health co-benefits for years to come.

Therefore, we urge a favorable report on SB 258.

Group Sign On Support for SB 258.pdf

Uploaded by: Rebecca Rehr

Position: FAV

January 31, 2024

Support - SB 258 - Department of General Services - State Buildings and Facilities - Energy Conservation and Greenhouse Gas Emissions Reductions

Mr. Chair and Members of the Committee,

The undersigned groups support SB 258 - Department of General Services - State Buildings and Facilities - Energy Conservation and Greenhouse Gas Emissions Reductions and thank the Department of General Services for its commitment to state climate goals.

SB 258 codifies an [Executive Order](#) issued last summer that enumerated several initiatives state buildings would take to monitor and improve efficiency and reduce greenhouse gas emissions.

Fuel use in buildings accounts for about [16%](#) of emissions in Maryland, the third largest sector. When the state takes direct action to increase efficiency and reduce emissions, it is demonstrating critical leadership in reaching our emissions reductions targets, the most ambitious short term GHG emissions reductions targets in the nation.

This bill will adjust the State's goals for reducing energy consumption in State buildings and includes a 20% reduction in average energy consumption by 2031, up from the previous 10% along with energy audits for state buildings. Benefits of energy efficiency include healthier indoor environments, and supporting the transition to a clean energy economy. The bill also directs the Maryland Green Building Council to update the High-Performance Green Building Program, ensuring alignment with the State's overarching objective of achieving net-zero greenhouse gas emissions by 2045.

With the passage of SB 258, government buildings will be built and operate in a way that is aligned with reaching the state's net zero 2045 goal.

We urge a favorable report on SB 258.

Signed,

Maryland League of Conservation Voters
350MoCo
AIA Maryland
Audubon Mid-Atlantic
Baltimore Jewish Council
Cedar Lane Unitarian Universalist Environmental Justice Ministry
Center for Progressive Reform
Ceres
Chesapeake Bay Foundation

Chesapeake Climate Action Network Action Fund
Climate Reality Greater Maryland
Elders Climate Action Maryland
Green & Healthy Homes Initiative
League of Women Voters of Maryland
Maryland Legislative Coalition Climate Justice Wing
Maryland Ornithological Society
Maryland PIRG
Safe Skies Maryland
Sierra Club Maryland Chapter
Sustainable Earth Eating
Third Act Maryland
Unitarian Universalist Legislative Ministry of Maryland