



Student Senate

3000 J. Wayne Reitz Union
PO Box 118505
Gainesville, FL 32611
352-392-1665

STUDENT SENATE BILL 2022-1022

TITLE: Resolution Supporting the National Action Plan for Energy Efficiency

AUTHOR(S): Senator Ryan Athay

SPONSORS: Senate President Elizabeth Hartzog, Judiciary Chair John Brinkman, Member-at-Large Jacey Cable, Minority Party Leader Faith Corbett, Senator Saketh Damera, Senator Sidney Ruedas, Senator Jonathan C. Stephens, Senator Evan Asuncion, Senator Anjali Natarajan, Senator Samantha Sparks, Senator Bianca Barrios

WHEREAS, one of the greatest threats to the environment is global warming which results in irreversible alterations to the ecosystem that impact human health [1]; and,

WHEREAS, the built environment accounts for approximately 50% of annual global carbon dioxide emissions, 27% of which stems from building operations and 20% of which stems from building materials and construction [2]; and,

WHEREAS, the Office of Sustainability of the University of Florida indicates that the overall energy consumption of all University of Florida buildings accounts for 75% of the University of Florida's carbon emissions [3]; and,

WHEREAS, the University of Florida's Office of Sustainability is continuously developing innovative methods to optimize energy efficiency while also decreasing energy consumption through their Climate Action Plan [4]; and,

WHEREAS, the University of Florida intends to include University of Florida Sustainability Standards in their 10-year master plan to ensure the implementation of materials as they relate to Leadership in Energy and Environmental Design (LEED) criteria [5]; and,

WHEREAS, the United States Environmental Protection Agency recommends an action plan to make a strong, long-term commitment to implementing energy efficiency as a resource by providing program funding to guarantee such efficiency where it is cost-effective [6]; then,

THEREFORE, LET IT BE RESOLVED that the University of Florida Student Senate recognizes the need for the University of Florida to acknowledge the urgency of the climate crisis and facilitate the reduction of carbon emissions originating from the building sector.

THEREFORE, LET IT FURTHER BE RESOLVED that the University of Florida Student Senate urges the University of Florida to incorporate strategies derived from the National Action

Plan for Energy Efficiency in the University of Florida's Climate Action Plan and 10-year Master Plan to maximize energy conservation in the University of Florida campus buildings.

THEREFORE, LET IT FINALLY BE RESOLVED that the University of Florida Student Senate urges the University of Florida to implement financial allocations where necessary to lessen carbon dioxide emissions by adhering to the guidelines set forth by the United States Environmental Protection Agency in the National Action Plan for Energy Efficiency.

Proviso: A copy of this resolution shall be sent to the Office of Sustainability, President Kent W. Fuchs, Sustainability Committee Chair Ariel Pomputius, Director of UF's Office of Sustainability Matthew I. Williams, Director of Energy Studies Ted Kury, Architectural Review Council, Student Body President Lauren Lemasters, Student Body Vice President Daniel Badell

[1] <https://www.ipcc.ch/2022/02/28/pr-wgii-ar6/>

[2] <https://architecture2030.org/why-the-buildingsector/#:~:text=The%20built%20generates%20nearly,for%20an%20additiona%2020%25%20annually>

[3] <https://sustainable.ufl.edu/campus-initiatives/energy/energy-efficiency-in-uf-buildings/>

[4] <https://sustainable.ufl.edu/campus-initiatives/uf-climate-action/>

[5] <https://facilities.ufl.edu/wp-content/uploads/forms/standards/UFDesignGuidelines.pdf>

[6] <https://www.epa.gov/energy/national-action-plan-energy-efficiency#three>

Elizabeth Hartzog

6/16/2022 | 3:08 PM EDT

Elizabeth Hartzog
Senate President

Date