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Resolution in support of approving the environmental affairs committee recommendation to use sustainability funding to invest in a PV solar array in campus housing.

Whereas: The Sustainability Fund is an SGA initiated program to implement sustainable projects on campus to reduce the university's carbon footprint.

Whereas: The Student Senate has authorized the Environmental Affairs committee to review and recommend projects that they deem sustainable and appropriate for Senate discussion.

Whereas: After much discussion and review of project alternatives, the Environmental Affairs committee recommends that the Student Senate approve investing the entirety of the Sustainability Fund, \$18,200, in the development of a solar electricity array.

Whereas: Ken Statz, from Statz Industries, has produced a Solar Assessment for the university union and residence halls that suggests that a location within campus housing, near R.E. Small Hall, would be ideal for such a project.

Whereas: This initial investment from the Student Senate could pay for the complete development and implementation of a 3.675 kWh system that produces 4,477 kWh/yr with a payback within 20 years.

Whereas: R.E. Small Hall's current electricity consumption is 43,233 kWh/yr, and this solar array would account for 10.36% of the electrical need of the building and result in an 8.5% reduction in Carbon Dioxide, Sulfur Dioxide, and Nitrous Oxide emissions.

Whereas: This project would also provide a highly visible project to broadcast the campus' and SGA's commitment to reducing the university's carbon footprint, while providing educational opportunities for the student body.

Therefore: Be it resolved that the Student Senate, and by extension, the student body, supports the development of a solar array near R.E. Small Hall.

Vice - President

Speaker of the Senate

President