

USF Student Green Energy Fund Council



Friday, March 15, 2019 – SVC 1073

Time: 1:00 pm – 2:30 pm

Meeting Minutes

In attendance:

Council Members

Nainan Desai, Chris Marks, Barbara Bushnell, Raymond Mensah, George Philippidis, Malek Hall, Adam Matern, and Marco Terron-Barretto and Kebreab Ghebremichael (Chair Substitute)

Absent: Harold Bower (Chair), (TBD Alternate), Gviana Goldberg, Caroline Yuan, Drew Templeton, Roberto Velasco, Brian Mwaliko (Alternate), Melody Rainey (Observer).

Observer(s): Gidi Hendrix (Observer)

First Order of Business:

The previous meeting minutes for the meeting held February 15, 2018 were voted and approved. All meeting minutes are posted for the public at <http://www.usf.edu/student-affairs/green-energy-fund/meetings/minutes.aspx>.

Financial Update:

Due to the absence of the Director of SA&SS RMD, the financial budget was not produced. Emailed to council on 3/27/2019.

Foundation Funds balance:

590077 (Student Green Energy Operating fund) - \$66

590082 (Carbon Offset Fund) - \$982.00

Public Comment

None.

Unfinished Business:

- **Earth Day Event**

GLOBE is hosting the USF Earth Day event on April 16, 2019 at the USF Amphitheater at MSC from 11:00am - 2:00pm. The SGEF has been asked to collaborate and table with this event. There will be give aways, plant-based food, live music and more.

New Business:

- **USF Magnolia Apartment HVAC Replacement Project Proposal (see attached)**

The Magnolia Apartment residential buildings are 15 years old and have aging HVAC systems which need replacement. To meet the goal of constantly improving and reducing carbon emissions, in 2017 the buildings' roofs and exterior walls were replaced with new insulated bituminous roofs and insulated stucco walls, however the HVAC system was not replaced at the time. The HVAC system comprises of roof-top compressors circulating refrigerant to air handling units for each 4-bedroom apartment residence. A higher efficiency (SEER 16) HVAC system along with controls is proposed to replace the existing lower efficiency (SEER 13) HVAC system. The higher efficiency equipment and controls will require a larger initial capital investment but will result in substantially less electricity consumption per year with subsequent reductions in carbon emissions. After installation, USF Housing & Residential Facilities will maintain and operate the HVAC system. The majority of the cost will be covered by H&RE. The SGEF fund request to fund the difference between the SEER 16 and the standard SEER14 is \$272,853.50.

The SGEF Council requested that 50% of the saving be returned to the SGEF in the first 5 years.

(The SGEF would like to setup an MOU for these types of agreements)

Council voted and approved the proposal.

- **USF Juniper Poplar Reflective Paint Project Summary (see attached)**

The Juniper-Poplar building has exterior problems, such as water intrusion through sealant joints, which require the building to be re-caulked and as a consequence repainted. The Juniper-Poplar buildings has paint which has outstretched its lifespan (currently over 10 years vs lifespan of 5 years). As a result, the proposal is to paint the buildings with infrared reflecting paint which will reflect heat away during sunlight hours to prevent excessive heating of the concrete walls and reduce the release of this captured heat into the building interior. The majority of the buildings' energy consumption is in the form of space heating and cooling. Therefore, the paint will not only reduce cooling costs of the building, but with a fade warranty of 10 years, will prevent the building from needing to be repainted every 5 years as compared to the existing paint. The majority of the cost for the project will be paid for by USF H&RE. SGEF request is for paint only (excl. labor and re-caulking): \$ 56,965.50. The amount requested for this type of paint does not seem to be much more than the paint that would normally be used.

The SGEF Council was concerned with funding regular building maintenance costs. The SGEF Council requested that the project come back with the total cost difference of the project to ensure the SGEF is not funding maintenance.

- **USF Tampa Partnering with Carbon Reducing Corporations Discussion (see attached)**

The SGEF Council discussed ways to help undergraduate students to understand the process of submitting a project to the SGEF. In the past, SGEF process workshops were set up. The SGEF usually tables at Week of Welcome and at various events during the year. The council discussed involving Orientation, but also to focus on ways to get the student's ideas to the appropriate people. The SGEF workflow, instruction, contacts and more information can be found on the SGEF website. <https://www.usf.edu/student-affairs/green-energy-fund/proposal/index.aspx>

However, the SGEF council welcomes any ideas to help educate students about the SGEF funds.

Also, the SGEF Council discussed ideas ways to partner with Tampa carbon reducing corporations. With the limited SGEF funds the SGEF Council has decided to funnel the funds towards projects with highest returns on carbon reduction. However, discussions regarding this possibility would need to be held with Administrative leaders.

Activities Updates

None.

Announcements

- **SGEF Council Member Vacancy**

There is a faculty/staff alternate role and a student SGEF Council vacancy. Please send replacement suggestions to the chair (hbower@health.usf.edu) or SGEF_Council@usf.edu.

- **USF Week Kickoff**

The SGEF will be tabling at the USF Week Kickoff hosted by Center for Student Involvement on April 1, 2019 from 5:30pm – 7:30pm at the USF Villages. This year's theme is "We Are USF."

Meeting adjourned at 2:25 pm.