



Sustainable Campus Fee Committee

TO: Dr. Tim Hall
President

From: Al Westerman, Chairman
Chairman, Sustainable Fee Committee

Subject: 2009/2010 Annual Report

Date: June 7, 2010

Committee Activity

The sustainable fee committee operated this year with an annual contribution of \$174,700 plus a carryover from the previous year's committee of \$376,079 bringing our total budget to \$550,779. During this period there were a number of proposals brought before the committee totaling \$540,901 and leaving a balance brought forward of \$9,878.

Projects supported during this period are as follows:

<u>Project</u>	<u>Project Cost</u>	<u>Balance of Funds</u>
Administrative Expenses	3,405	547,374
Campus Recycling Program	4,470	542,961
Infrared Hand Wash Stations/Faucets	179,526	363,435
Wind Project (Farm)	30,950	332,485
Dolphin Sludge Filter System	19,000	313,485
Bio-Fuel/ Wind/Solar Project Upgrade (Farm)	867	312,618
Dolphin Cooling Tower	42,200	270,418
Logo Contest	250	270,168
Electric Vehicles	121,412	148,756
Recharging Station at White House	632	148,124
Solar Photovoltaic Array (Farm)	58,246	89,878
Contribution to Long Term Project	80,000	9,878
	Fund Balance:	9,878

Future Plans

With the completion of the AMERESCO project, a number of key projects that SFC was proposing, will have been completed. This will require the committee to be even more creative in identifying and executing projects in coming years. With this in mind, the committee recommended the creation of a fund to which the committee could make regular contributions with the intent of developing larger, more complex projects that would have a higher profile and create more recognizable sustainability based projects.

The first contribution is \$80,000 with more to follow. There have been several interesting projects in the process of submission to which these funds are to be applied. As the projects become more refined, one will be selected for final implementation. There are several larger scale opportunities forthcoming and hopefully SFC will be in a position to rise to meet the occasion

Long Term Vision & Plans

- The Student Recycling Program started by Joe Mills received a long term pledge to support by SFC.
- We are intending to prepare a study to determine the feasibility of making the farm self supporting and free of outside electrical service unless so desired/required. The current being produced by the solar & wind power is sufficient to meet daily requirements.
- Building Dashboard is a system that allows us to record and report (via the web) energy use and production across the entire campus. It is currently being used successfully at a number of universities across the US and raises the awareness of sustainability as well as promoting a Green campus.
- We have a proposal for an electric bus that would supplement, possibly replace the existing Peay Trolley. There is a great deal of work and study required to determine the feasibility of such a project, but we understand that the city of Memphis has one in service and it warrants an investigation to determine practicality.
- We have a proposal to build a solar charging station on campus. While not exactly practical to use this for charging all our electric vehicles it does have possible applications, which we will be investigating.
- A proposal was made to the committee to investigate the feasibility and/or interest of APSU to set up a 1:1 contribution for some projects, thus giving the university an opportunity to be an equal partner in Sustainability. Hopefully, the next committee will have the opportunity to delve more deeply into this concept.

Conclusion

The Sustainable Fee Committee has proven itself to be a worthy and powerful force in the promotion of sustainability at APSU. Several of the projects have been "firsts" for APSU and have caused us to adopt several pieces of equipment and systems into our SOP's when building new structures and renovating university systems. While spirited discussions have and will continue, this is very much a part of coming to an understanding of what sustainability means to the university as well as each participant.

The greatest challenge the committee faces is forging out an understanding that sustainability is not the exclusive property of any one individual or organization, but is the result of the collective efforts of everyone working toward a common goal.