Chancellor’s Campus Sustainability Committee  
March 4, 2010 @ 4:00-5:00 pm  
Cheadle Hall, Rm 5123

Members Present:
Ron Cortez, Steffen Gauglitz, Michael Hewitt, Mel Manalis, Britt Ortiz, Evanne St. Charles, Bruce Tiffney

Advisors/Consultants Present: Marc Fisher, Walter Kohn, Mo Lovegreen, Jill Richardson

Members Absent:
Ingrid Banks, John Bowers, Diana Dyste, George Foulsham, Paolo Gardinali, Alan Heeger, Bruce Kendall, Joel Michaelsen, Constance Penley

Guests Present:
Bill Shelor

• Minutes from February 18 meeting approved.

Introduction:
• Steffen Gauglitz, the new Graduate Student Association representative was introduced to the committee.

Updates:
• Ron attended a public comment period at the last SBCAG meeting on behalf of the committee to encourage a change in the Amtrak schedule that allows more Ventura County commuters to travel by train to campus. Currently about 575 people travel from Ventura to UCSB, and only about six people use the train (it currently drops off in Goleta at 10:30 a.m. and leaves at 4:00 p.m., not ideal for most commuters).

• Bruce had some unwelcome news about the status of our eight policies. Apparently the policies have a very long process for approval, and he expects that they will not be complete until during the next academic year. In order to speed up the process, Bruce and Ron will prioritize the policies and Mo will reformat them in the “proper” style. Steffen asked whether the policies could be guidelines/practices in the meantime. All thought this was a good idea, so the option will be explored.

• Bruce also announced that UCSB was awarded gold level designation as a Bike Friendly Business by the American League of Bicyclists. George is working on a press release that will go out after March 9 (the day we are allowed to go public with the news).

Presentation:
• Mo created a draft budget for ongoing sustainability efforts (see white board). The yellow areas show the various departments that have graciously funded different efforts over the years and/or for which there is no current source of funding. Mo mentioned that Marc said a budget was created and requested in the past, but the Chancellor did not want to fund one until the committee was formed. The budget that is posted is the bare minimum to run sustainability. Prof Kohn suggested we include a budget with all the funding requests to show the magnitude of the need. Bruce asked that everyone look over the budget (Mo will include the Change Agents’ wish list too) so we may discuss it at the next meeting. In two meetings, we will vote on the budget.

Discussion:
• Last week there were presentations on Student Affairs’ Zero Net Energy project and a potential wind farm site in Tehachapi, CA (Mel). Since these two projects overlap to some degree, we discussed them together. Bruce opened the floor to discussion and
Britt stated he liked what Student Affairs was trying to accomplish. Evanne stated that we need to look at both projects (ZNE and wind power) because UCSB is not a great location for solar. Mel added that UCSB is not a great place for wind, and Tehachapi is a good place for wind – the property probably has room for 4-5 Megawatt production, which would get us part way to the 15 MW need on campus. The site would also create a place for research and education, and since Clipper just partnered with United Technologies, there may be a third party option for purchasing the turbines. Mo mentioned that she or Marc should talk to Wendell Brase (Vice Chancellor at UCI) about making it a more UC-wide effort, which would help get the turbines up faster. Ron mentioned that banks required a year’s worth of anemometer data (wind speed) before they will grant a loan for wind projects. Mel said some meters already exist up there and they average 7 meters/second (which is fairly good), but they are not exactly in the locations that Jim Dehlsen’s wants them – they need to be relocated. Britt asked how much energy can be saved by conservation/behavior change. Mo stated that David McHale estimates it to be around 15-20%. Bruce felt that we should be looking at on-site PV, off-site PV, and off-site wind, but there is a sociological factor with having the panels on site that may influence behavior – it is a complex issue. Ron asked how we can validate the savings that Student Affairs is proposing. Prof Kohn suggested that we look at similar projects that already exist in the SB area (i.e. City of Santa Barbara). Marc said that David McHale has been meeting with the Student Affairs folks and believes that he should be part of this discussion. Bruce suggested that Student Affairs meet with Todd Lee and get his feedback, as well. When the committee hears what the key players on campus think about ZNE project, they will make a decision on endorsing the project.

Mel believes Jim Dehlsen would like a letter from UCSB letting him know that we are moving forward with the idea of the wind farm, etc. and exploring our next steps.

- Meeting adjourned at 5:05 p.m.

**Actions/Tasks:**
- We will work on making the last meeting of the quarter longer so we have more time to discuss the Student Affairs project further.
- Marc requested we get the 1990 and 2000 electrical use information so we can see what levels the campus would need to achieve (I obtained this: 1990 = 7.15 Megawatts and 2000 = 8.30 Megawatts, in 2008 = 9.50 Megawatts).
- Jill will invite David McHale to the next meeting.

**Next Meeting:**
- Thursday, March 18
- Further discussion of Zero Net Energy presentation
- Discuss letter of interest regarding Dehlsen property in Tehachapi
- Vote on Smart Building Policy
- Suggestions?