

Minutes

August 27, 2012 2:00 – 3:30 pm
110 Administrative Building III

Attendance

Bill Winner, Lindsay Batchelor, Barry Olson, Sarah Ketchem, Mark Michealson, Sharon Looseman, Paul McConocha, Wade Fulghum, Barbara Doll, Summer Higdon, Mahomet Accilien, Walt Robinson, Lisa Maune, Megan Cain, Claudia Powell, Tracy Dixon, Mike Harwood, Jack Colby, Jeff Hightower, Lisa Johnson

Welcome - Bill Winner

- History of CEST (Gov. Hunt and Larry Nielsen)
- CEST Co-Chairs from academics and facilities
- Community of sustainability - opportunity to make a difference and play an important role
- Excited about the prospects for this year with all of the energy and sustainability activities
- Introduce Summer Higdon, IRC
 - Role is to connect to sustainability program
 - Sustainability Chair has yet to be identified

2010 Greenhouse Gas Inventory Results- Jeff Hightower (see presentation, GHG Presentation_Hightower)

- ACUPCC
- Expect approximately 10% reduction from CHP
- Questions:
 - Walt-generators are not insignificant. Jeff/Jack- working to test less frequently and buying more efficient machines
 - Bill- was all air travel included? Jeff- as of 2010, yes. Commuting is the third largest emission group and is big opportunity
 - Lisa- why the increase in fertilizers? Jeff- better tracking in 2010
 - Barbara-what about construction equipment? Jeff- not included

Draft Energy Regulation- Claudia Powell (see presentation, EnergyRegulation_Powell and handout, Draft Energy Regulation)

- Draft from a couple of years back but has been updated
- Many goals and commitments that are drivers
- Straw man for review
- Questions
 - Barry- how do we implement this with equipment such as vending machines? Jack –partner with vendors
 - Walt- how can we get building dashboards or get information to users so that they know how much energy they use. Do we have the metering in place? What about competitions? Jack- getting

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the pieces in place, past competitions, culture change. Bill- get energy use information to the campus through colleges and deans, specific to their area

- Barbara- Is there a way to help with lights in building that you cannot turn off? Jack- we have invested .25 million dollars in lighting and controls this year. Barbara- what about parts of buildings being used and not others in terms of heating and cooling? Lisa- it is about better space utilization

Year 2 Tactic Updates

- Bill- Due to being behind schedule will not update today. However, year 2 tactics are due at the next CEST meeting on October 1st

Updates

- Physical Master Plan- Lisa Johnson (see handout, Physical Master Plan update)
- Sustainability Fund update- Tracy Dixon
 - \$5 per semester sustainability fund proposal by Sustainability Office with strong support from WESA. Student government will assist with education.
 - Lisa- how will projects get decided on? Tracy- a board of students and staff
- Campus Sustainability Day- Megan Cain
 - September 21st on Centennial Campus- electric vehicle event and Reusable Regatta
- 2011/12 Energy Performance- Paul McConocha (see handout, Update on FY 2011-12 Energy Performance)
 - 13% reduction in energy
 - 14% increase but still 40% below baseline (increase probably due to construction)
- Research Triangle Cleantech Cluster- Wade Fulghum
 - Public/private partnership with a focus on smart grid, advanced transportation, water technologies, renewables

Status Updates

- Almost 1.5 million in funding for energy projects (HB 1292)
- Cogeneration plant grand opening - November 14th 2-3
- Campus Life hiring an energy coordinator- Barry Olson
- Green Football game on Sept. 15 – Lindsay Batchelor
- In house building commissioning projects- Jack Colby