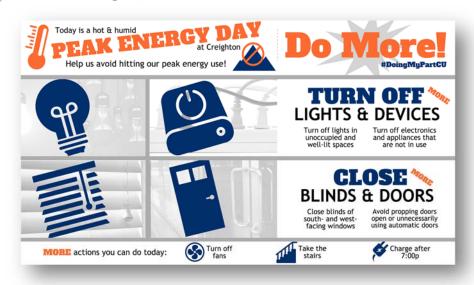
Sustainability Council minutes, July 15, 2016

Attendance: recorded at 16

- Residence Life will be partnering with the Verdis Group for more energy-saving projects. They are
  planning on doing the Sustainability Pledge and are wondering if we should do this campus-wide. This
  was discussed several years ago and had the Council's support, but no funding.
  - Would be helpful
  - Energy Club has talked about doing something like this; Verdis would offer more time, commitment.
  - This would be a good project to save money and use that money for future sustainability projects.
- Peak Energy usage reminder: Hot weather is here and is supposed to get worse next week. Remind coworkers to shut down lights, etc.



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- Will figure out how to deploy to all digital displays
- Verdis Group provided a final report on the Energy Savings project at Kenefick Hall. From the report:
  - During winter and spring of 2016, Verdis Group collaborated with CU Residence Life (Kenefick Hall, specifically), CU Facilities Management, NRG, and Optimized Systems to research sustainability at Kenefick Hall and identify opportunities for reducing energy consumption, improving energy efficiency, and achieving financial energy savings.
  - O In summary, Verdis Group learned that CU Facilities Management has a good handle on Kenefick's energy operations given the current age of the systems, and staff members who work at Kenefick are already doing their part to improve the building's sustainability performance. Optimized Systems identified energy system optimization improvements in their findings. The opportunities for further improvement largely center on resident engagement, including education, communications, and behavior change.

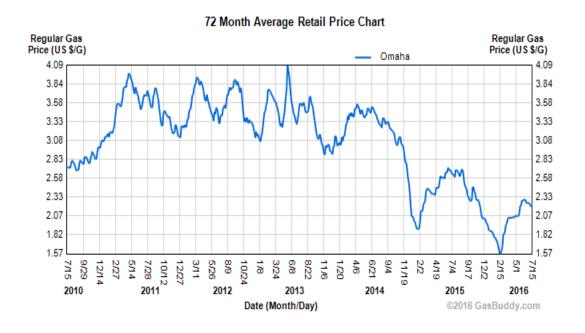
 Verdis Group recently sent us the information on commuting that was gathered from the universitywide survey in the spring.

	Students		Employees	
	2016	2010	2016	2010
Walk/bike	14.2%		3.9%	
Drive alone	44.7%	48.6%	84.7%	82.1%
Carpool	22.3%	14.5%	8.2%	14.1%
Bus	15.5%	5.7%	1.4%	1.4%
MTeCO2	1881	3830	4608	4473
# of people	8212	6808	1920	3001

Note that the 2016 survey only used those students that live on campus, while the 2010 survey counts all students. The 2016 survey found that 33.2% of students commute and that is what the data is based on. For an apples-to-apples comparison, if we multiply the 2010 student number by .332, we get 1245 MTeCO2. The 2010 Clean Air-Cool Planet tool did not include walk/bike as an option.

Note that the percentage of fac/staff bus riders didn't change, but the percentage of carpoolers dropped. This could be attributed to any number of things, including the change in number of employees (and therefore, carpool opportunities) and gas prices.

Gas prices were higher in 2010 than they are 2016 (source: Gasbuddy.com):



## Comments:

- Did the respondents to the survey self-select? In other words, were they more sustainability-minded already? This is more likely with the students, as we relied on word-of-mouth to get participants; the student response rate was rather low.
- Could we use parking permit applications to collect information on commuting distances, # of trips, etc.?
- This could also be useful for electric vehicle information: encourage campus to ride the bus, purchase a different vehicle, etc.
- Are there students that choose to live in areas near the shuttle? Most likely.
  - When students select housing for the upcoming year, it would be helpful to put up posters/information on accessing campus via shuttle, bus, biking, etc.
- The BRT (bus rapid transit: <a href="http://www.ometro.com/index.php/announcements/bus-rapid-transit/">http://www.ometro.com/index.php/announcements/bus-rapid-transit/</a>) will begin service in 2018. It will stop at the Josyln, just south of campus on 24<sup>th</sup> Street, among other stops along Dodge St. This will enable people to get to campus on the bus more easily.
- Wind turbines near Lied Center have suffered in the weather and have destroyed themselves. Recently
  got approval to replace them with new vertical wind turbines on top of same poles. 1 kW/each;
  designed for residential/small business. Primo.



• Two other elements. Looking at studies for campus to add. Freestanding bench with batteries; wind turbine at top shaped like a flower with three "leaves" that are solar panels. Will be designed/built by ERG students; will probably go in Eppley plaza. The hope is to build one every year in this class.



• Update on President's Advisory Committee. Jay Leighter and Mary Ann Vinton met with president and interim provost. Over 40 nominees; try to get connections, broad representation. Will have resources attached, and possibly finding a full-time sustainability coordinator. Meet to direct sustainability vision for next several years. Draft of a mission/vision statement. President sees it as similar to Global Initiative. Will have a link from main homepage. Announcement is forthcoming, as is meeting schedule. How it works is still somewhat up in the air. Committee will be interacting with the Jesuit Community.

## Upcoming events:

- Next meeting is August 19 @ 2pm in Eppley 119
- St. Francis Day Planning meetings August 3, August 26 and September 2 @ 2pm in Eppley 119.
- St. Francis Day celebrations TBD in October 2016.