

OHIO | Sustainability

Sonia Marcus

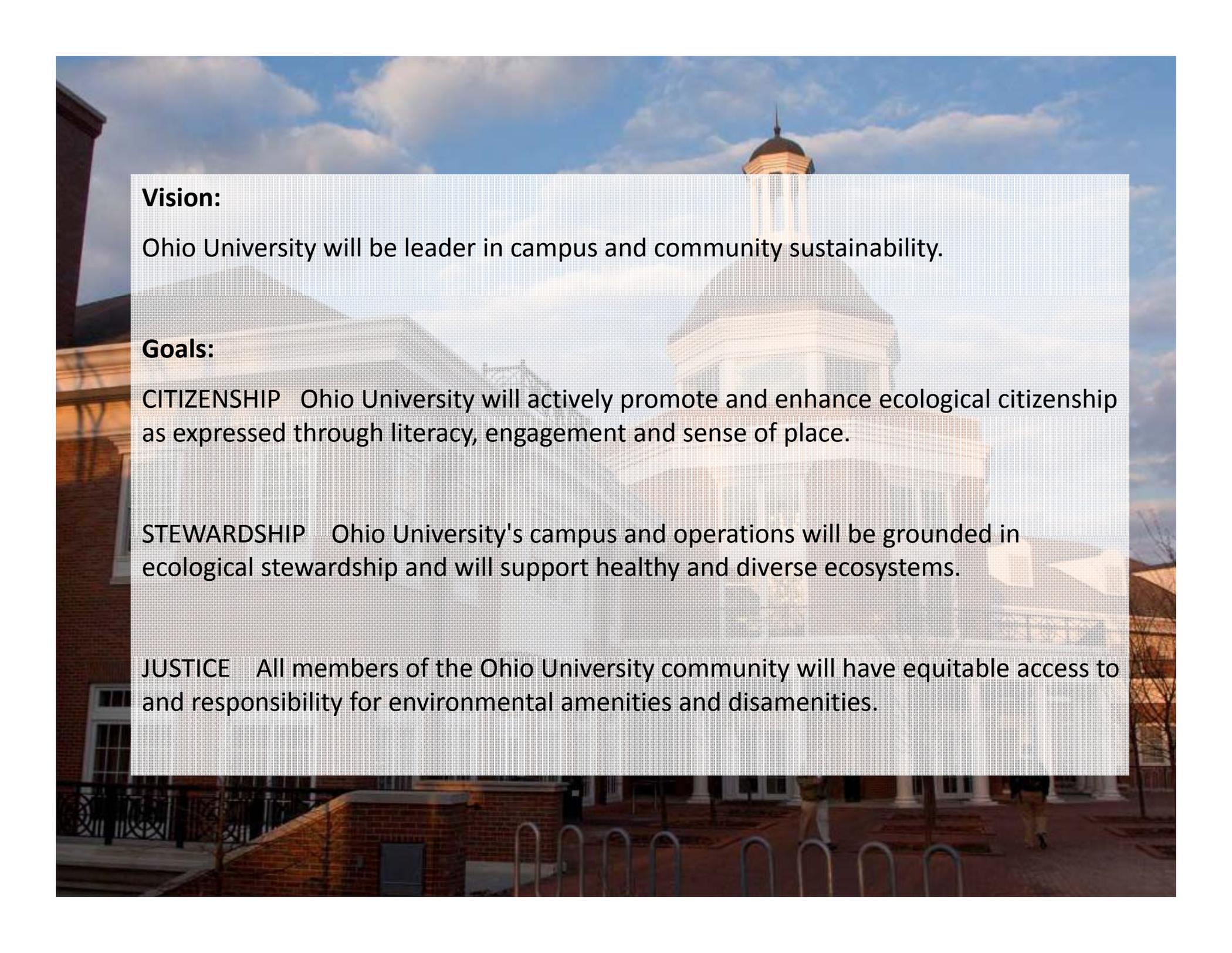
Director, Office of Sustainability

Appalachian Regional Commission

October 27, 2010







Vision:

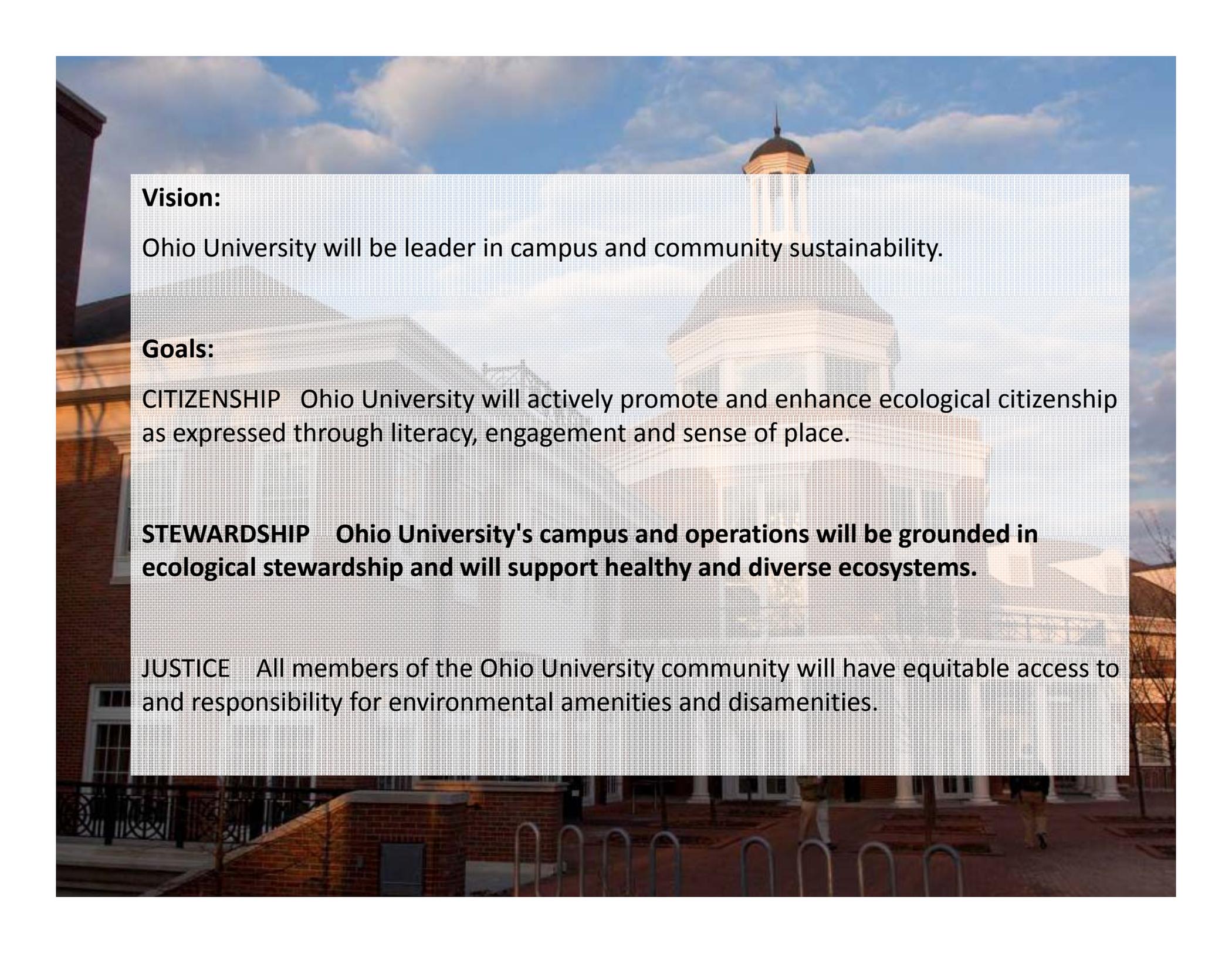
Ohio University will be leader in campus and community sustainability.

Goals:

CITIZENSHIP Ohio University will actively promote and enhance ecological citizenship as expressed through literacy, engagement and sense of place.

STEWARDSHIP Ohio University's campus and operations will be grounded in ecological stewardship and will support healthy and diverse ecosystems.

JUSTICE All members of the Ohio University community will have equitable access to and responsibility for environmental amenities and disamenities.

A photograph of a large, multi-story brick building with a prominent central dome topped by a spire. The building is set against a blue sky with scattered white clouds. In the foreground, there are brick walls, metal bike racks, and a paved walkway. The overall scene is well-lit, suggesting a clear day.

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OHIO | Sustainability

- Compost Initiative
- Sustainability Outreach & Education
- Major Energy Initiatives





WHAT IS COMPOST?

Compost is a mixture that consists of decayed organic matter and is used for fertilizing and conditioning land. By placing your food waste and biodegradable service-ware in the COMPOST bin, you are creating a valuable soil amendment as well as decreasing pressure on our landfill.



CONTAINERS

If you are interested in campus waste programs, please contact www.ohio.edu



COMPOST



ALL FOOD WASTE, FRUIT, VEGETABLES, MEAT, BREAD, DAIRY



BIODEGRADABLE CUPS, UTENSILS, PLATES, CONTAINERS



NAPKINS



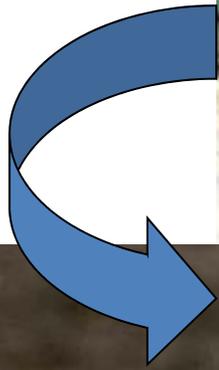
PAPER CUPS AND STRAWS



QUESTIONS? COMMENTS? CONCERNS?
 Call Campus Recycling 598-0231
 or e-mail news@ohio.edu









CAMPUS RECYCLING
593-0231







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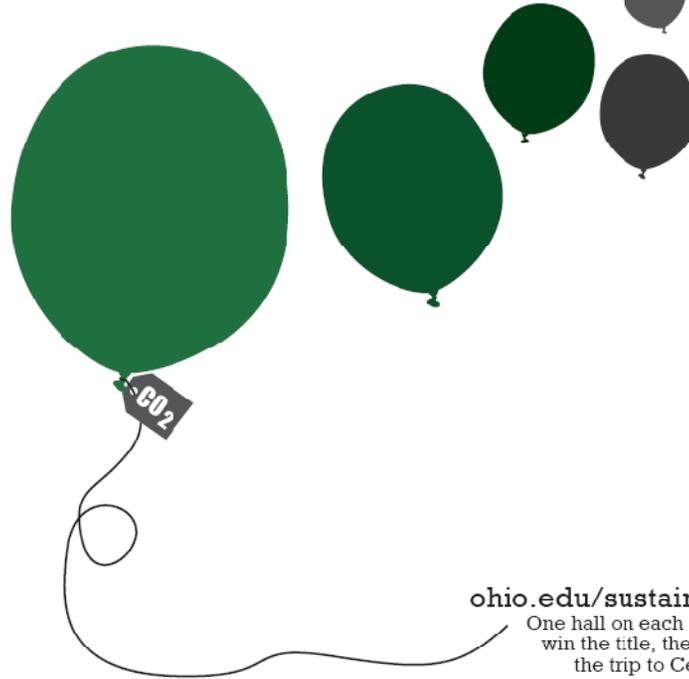


2009

Residence Challenge

January 19 – March 9

Conserve energy.
Reduce emissions.
Save the planet.



ohio.edu/sustainability

One hall on each Green will
win the title, the glory and
the trip to Cedar Point.

Your competition can reduce kWh by 30%
and be...

- **Low Cost**
- **Straightforward**
- **Simple to implement**
- **Participatory**
- **Successful**
- **Fun!**

Competition Basics

- Runs *7 weeks*, beginning January
- Each hall *competes against itself*
- Building level *meters*
- Director of Energy Management provides *baselines* and *weekly results*
- Office of Sustainability handles *scoreboards*, *communications* and additional *resources*
- Res Housing staff are *primary liaisons* to residents
- Eco-Reps provide *additional programs*



- Post-it notes for RA's and RD's
- \$200 for 650 pads



- Facebook: www.facebook.com/event.php?eid=48503365473
- Office of Sustainability: www.ohio.edu/sustainability
- Press releases for internal/external media

2009 Residence Challenge

Conserve energy. Reduce emissions. Save the planet.

SCORES Week 3: 2/1 - 2/8

Rank			Energy Saved (%)	CO2 Saved (Tons)	Cumulative % Savings (Energy)	Cumulative CO2 Saved (Tons)	Tickets to Cedar Point
Wk 2	Overall	West Green					
4	1	Bromley	12.8%	3.1	10.6%	7.8	39.0
3	2	James	11.5%	1.6	10.2%	4.2	20.9
2	3	Boyd	8.2%	2.8	9.8%	10.2	50.9
1	4	Wilson	4.2%	0.5	8.7%	3.1	15.6
5	5	Sargent	6.0%	0.7	8.2%	2.9	14.6
7	6	Treudley	10.1%	0.8	8.0%	1.9	9.6
6	7	Rvors	5.6%	0.5	7.0%	1.7	8.4
8	8	Convo	7.5%	3.3	6.0%	7.9	39.4
Wk 2	Overall	East Green					
1	1	Voigt	11.6%	0.8	11.0%	2.2	11.0
5	2	Biddle	16.8%	1.4	10.9%	2.8	13.8
4	3	Johnson	14.7%	0.7	10.7%	1.4	7.2
2	4	Scott Quad	7.0%	1.0	9.1%	3.9	19.6
3	5	Gamertsfelder	7.5%	1.0	8.9%	3.6	18.0
6	6	Bryan	10.2%	0.9	7.4%	2.0	9.8
8	7	Read	10.4%	0.6	6.9%	1.3	6.4



Keeping up the momentum



Light It Up Right



- CFL exchange: \$2/bulb for 75W equiv.
- We give **50** to each RA who wants them
- Office of Sustainability purchases **500/yr**

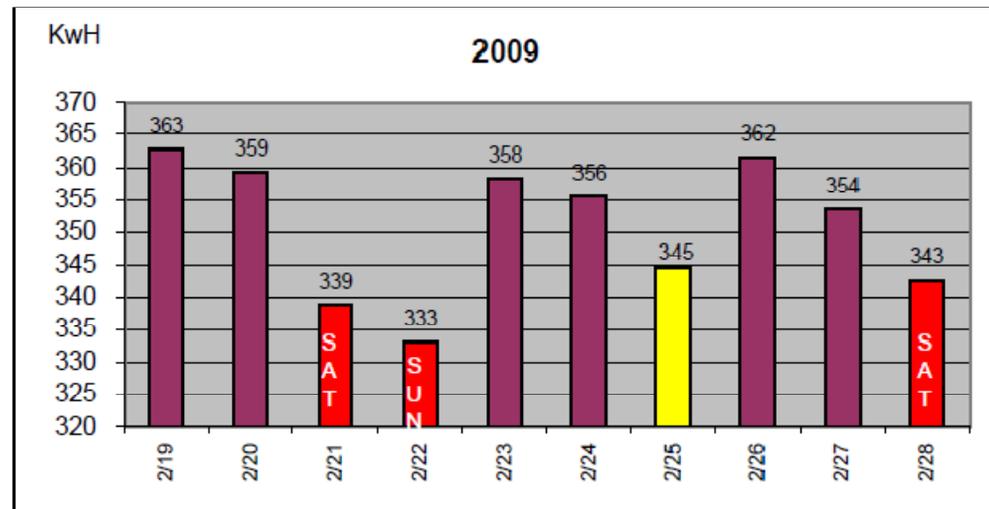


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Conservation Dinner



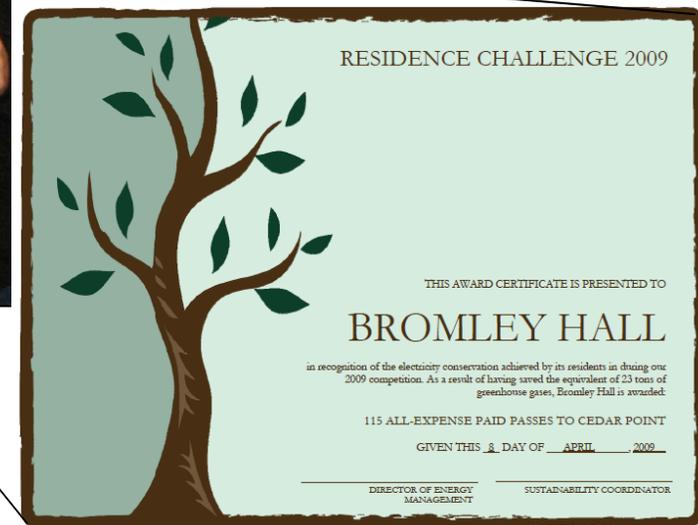
Based on a total of 88 fixtures turned off for a savings of 11,000 watts of energy between the hours of 4:00 PM and 7:00 PM



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Awards Banquet



- Certificate holders: \$6 for 3
- Snacks from Dining Services (~ \$200)



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Results

- Average savings for all halls is **7%-10%**
- These results hold even though we tighten the baselines *every year!*
- Top performers can reach 30% savings
- **\$70-\$100,000 in annual avoided electricity costs** as compared to original 2001 baseline.

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Energy Initiatives

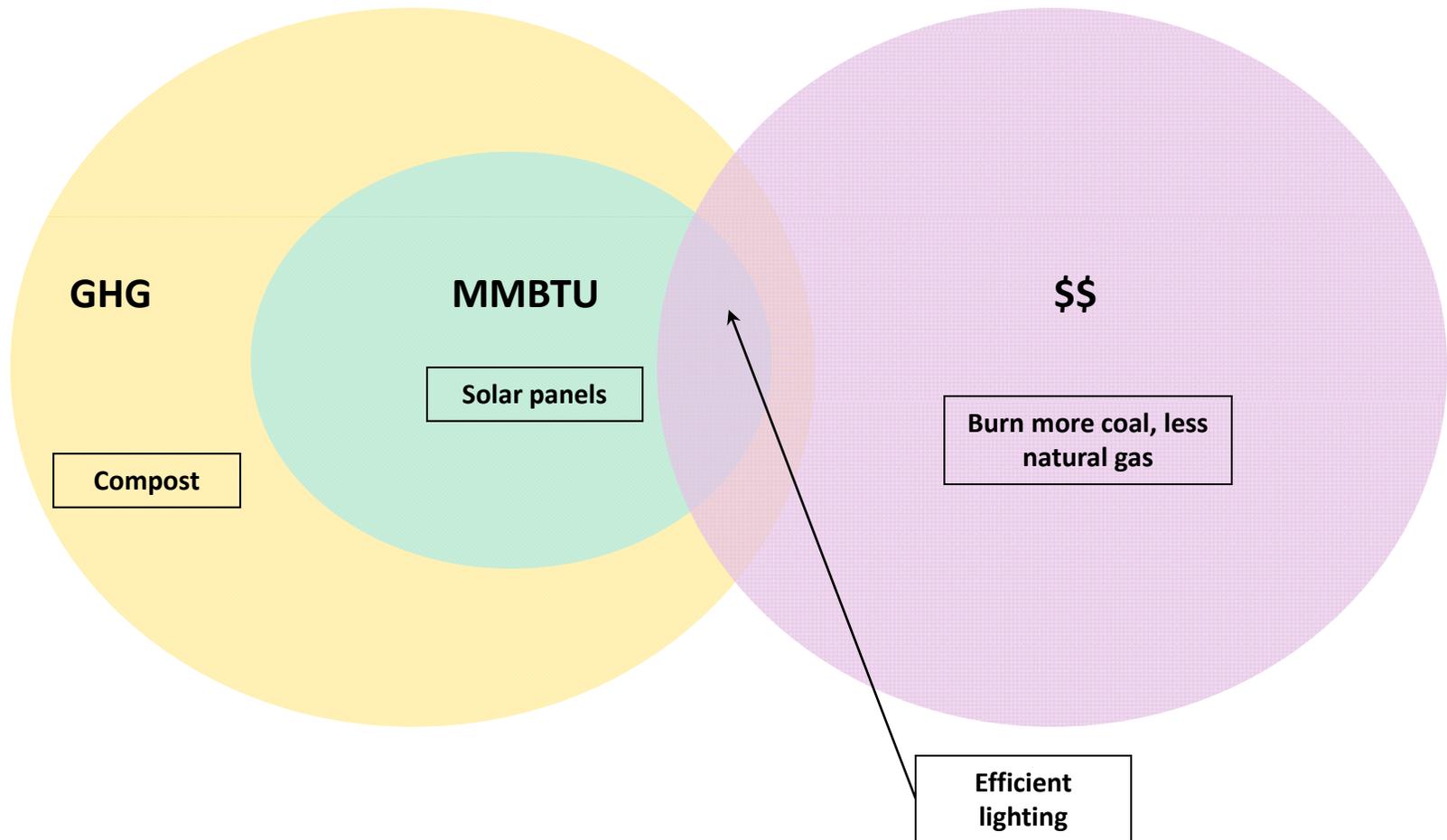
	Overall Cost Avoidance and Savings	President's Climate Commitment (ACUPCC)	House Bill 251
<i>Goal</i>	Reduce utility costs	Reduce GHG footprint	Reduce energy intensity
<i>Metric</i>	Total \$ and avoided \$	Total GHG emissions	MMBTU/GSF
<i>Timeframe</i>	Ongoing	TBD	20% reduction from 2004 to 2014

GHG: Greenhouse Gas

MMBTU: Million British Thermal Units

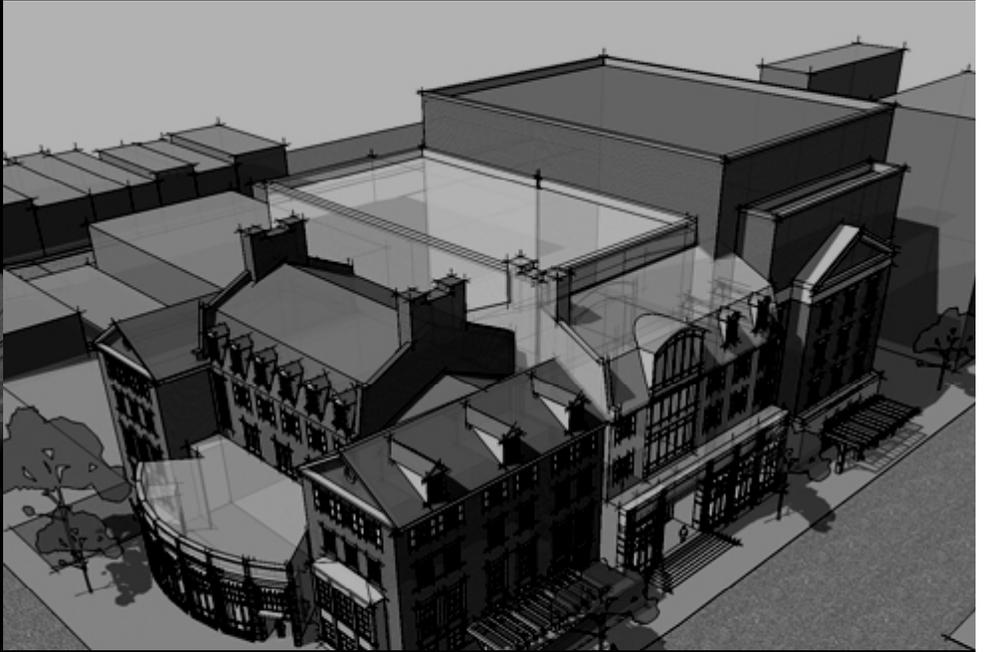
GSF: Gross Square Foot

Avoidance Opportunities

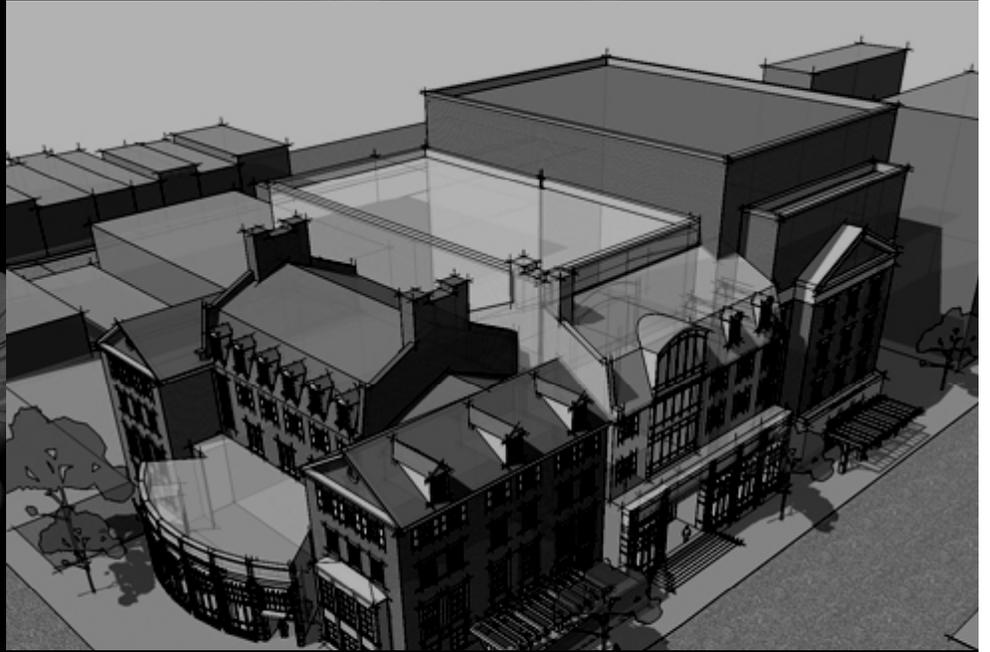




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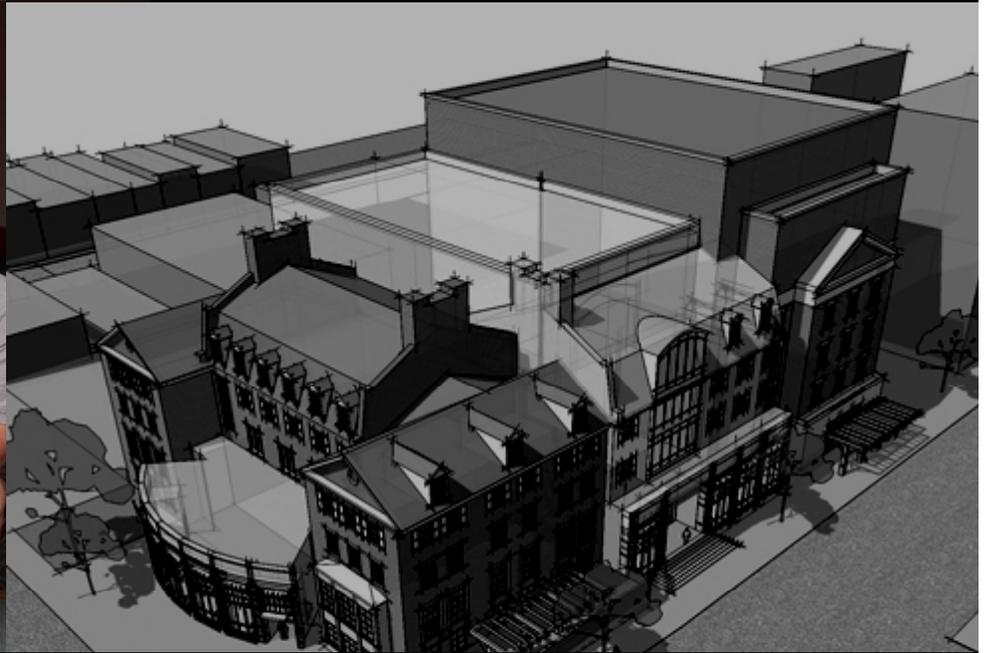


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thank you!

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