

Introducing Magnets with Sustainable Tips for Residence Halls

Nicholas Kraley, Environmental Studies/Policy, Central Washington University

Background

The problem this project aims to address is a lack of information available to students as it relates to sustainable practices that they can use in their daily life.

As part of the Climate Action plan, CWU is committed to reducing its greenhouse gas emissions by 45% in 2030 compared to 2005 levels.

- Reducing Natural Gas usage in student housing.
- Conserving water use in residence halls.
- Spreading information about CWU's other climate action goals.

Recommendations

- Annual updates to the webpage as new strategy and information become available.
- If pilot is successful, run a campaign to spread awareness.
- Consider additional strategies to inform students about sustainable choices they can make in the S.U.R.C.



Figure 1: Beck Hall.

Source: cwu.edu/about/sustainability

Timeline

Date	Objective
4/13/26	Stakeholder meeting with Eric Whitaker
4/25/26	Designed prototype with insight from Lisa Laplant (see below)
5/14/26	Applied for and received funding from the Student Green fund
5/25/26	Finalize magnet design with approval from housing services
6/1/26	Order magnets through the Sustainability office
9/12/26	Implement project in Beck Hall (see figure 1)
1/11/27	Data Analysis to determine pilot success

Example Magnet



Project Goals

- Place 100 magnets in Beck Hall as a pilot to easily track before and after natural gas usage, quarterly.
- Introduce a Student Advice section on the CWU sustainability webpage.
- Decrease the total Natural Gas use in Beck Hall.
- Create a scalable pilot that can be applied to other residence halls as deemed fit.

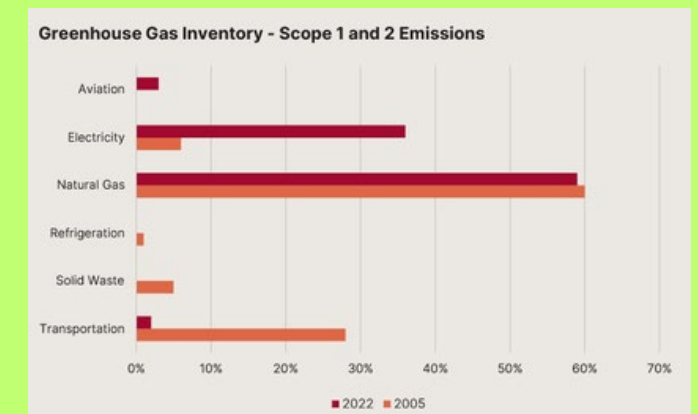


Figure 2: Natural Gas usage has only slightly decreased since 2005.

Source: cwu.edu/about/sustainability

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

Acknowledgements:

Eric Whitaker, Maintenance Specialist 4
 Lisa LaPlant, Director of Housing Services
 Jordan Spradlin, Sustainability Coordinator