

# Students Motivating Student Sustainability: Classroom Measurement of and Feedback on Student Residential Resource Use

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## Goals for Project

- This course will use current data from the student residences as the basis for class projects to quantify energy use and devise strategies to reduce student use with visualizations and communication.
- Students develop skills in analysis and visualization of energy and resource use.
- Students motivated by the local data collected by peers from campus.
- Creation of internet energy visualizations viewable by the campus community.
- Increased awareness of link between energy use and behavior

## Redesigned Courses

- Electrical Energy Management (ENSP 338)
- Computer Applications in Energy Management and Design (ENSP 439L)

## Timeline for Implementation

- ENSP 338 Fall 2016
- ENSP 439L Spring 2017

## Student Learning Outcomes and Program Assessment

- Students use digital tools to analyze and communicate energy use
- Students understand social dimensions of energy use

## Feedback Loop for Campus-Student-Energy System

