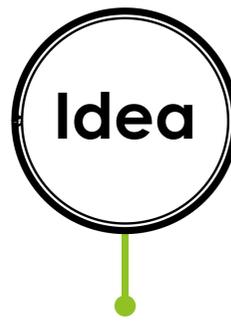


# SUSTAINABLE, ENERGY EFFICIENT DORM (SEED)



We propose to install energy-efficient fixtures and appliances in the Discovery Days dorm room in Buchanan Towers to educate students and the campus community about personal energy use and to act as a trial space for new energy-saving technologies that can be applied across campus.

Our proposal includes the removal of old appliances and the introduction of:

### **Belkin Conserve Sockets:**

The sockets are timed outlets that shut off after 30 minutes, 3 hours or 6 hours, completely eliminating wasted power.

### **Kill-a-Watt energy conservation monitors:**

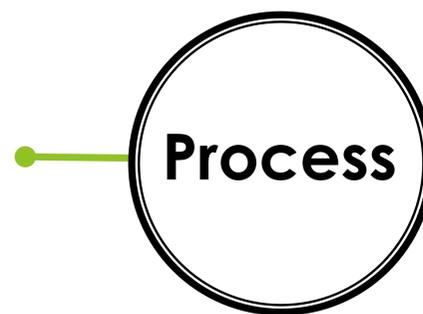
Conservation monitors allow for one to observe their energy consumption, cumulative electrical expenses and carbon footprint.

### **LED lights:**

LED lights last 4-40x longer and use 50%-90% less energy than traditional lighting products. They also have lower carbon emissions, and 80% of the energy exerted as light.

### **Shower timer:**

The shower timer will promote shorter showers as you are measured for time and water consumption.



### **Energy Star rated Refrigerator:**

The new fridge will meet Energy Star requirements which use 15%-20% less energy.

### **BergHoff Induction Cooktop:**

More efficient than electricity and faster than gas cooking methods.

### **Cuisinart Mini-oven:**

Still able to fit 13" pans and full-size pizzas; this mini-oven heats up faster and cooks faster, allowing for less energy usage.

### **Education Model:**

Our education model involves creating a page on Facebook for students and community members to "like", comment, critique, and share other sustainable developments happening around us. The two students who live in this room will be in charge of updating these pages and keeping the community engaged.



Helping WWU reach the greenhouse gas reduction goal,  
Provide students a more environmentally friendly space on campus to live in,  
Teach students and community members about the simplicity of living more sustainably through water and electricity conservation,  
Environmental collaboration allowing for students to bring change on campus.

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*Western Washington University*

