A large source of energy at the school today consists of steam, electrical systems, and natural gas pipelines. According to my college's website, there have been numerous attempts to conserve energy and make UIUC environmentally friendly. Unfortunately even though there have been many attempts, there are still many areas of UIUC's energy consumption that can be fixed.

The first area that we can change to make more sustainable is to change the bathrooms to have low-flow toilets. Low flow toilets use approximately 1.1-1.3 gallons of water per flush while a normal toilet uses approximately 1.6 gallons to flush. Considering the fact that there are 44,087 students are enrolled in UIUC the amount of water usage the school consumes will be significantly less.

Another area that the University can change to become more energy efficient is heating and cooling. Currently, during the winter or when it is cold outside the dorms and class buildings are heated so significantly that many people complain of the heat. The latter happens when it is too hot outside and the ACs are on blast indoors. This is an issue because it causes the school to use more energy than it needs and it makes the students feel uncomfortably cold/hot. One solution to this is to get smart heating/cooling so that the buildings at UIUC do not waste an extraneous amount of energy and so that the students can feel comfortable while studying.

The last area that the University of Illinois can change to be more sustainable is to make sure all buildings have the same level of energy conservation. As I go through different buildings for my classes I have realized that some buildings are a lot less energy saving and eco friendly than others. Some buildings do not have motion sensed lights or eco friendly energy sources. While others, for example the electrical and computer science buildings have motion activated lights in classrooms and solar power for electricity. By making every building in UIUC hold the same high energy saving expectations we can make sure the school as a whole is energy efficient.

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