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How Much Are You Wasting?

If I told you that you waste more energy than you use, would you believe me? Well, I sure wouldn't! This very question was the reason for our science fair research project. Our project has been designed to show our audience just how much energy they are wasting. We started off by researching renewable energy sources and what people are doing to cut down on the amount of energy being wasted. We then found the P3 Kill-A-Watt meter, a device that could record the amount of energy an appliance was pulling. With the meter, we went around our houses and school recording the amount of energy each appliance pulled. With the information gathered, Drake and I made a table displaying the data, and made graphs as well. We then searched for equations to calculate the amount of CO₂ emissions being produced as well as the amount of money that is being wasted. Another calculation we made showed us how long it would take a 4" by 3" solar panel or a hand crank generator to recreate that energy. The most surprising of our conclusions was to learn how easy it is to cut our energy consumption in half!