

## Answer Key

Each question is worth (5) points each.

---

1. What is a “vampire” appliance?  
***Appliances that use energy without being turned on***
2. What’s one of the single largest contributors to greenhouse gases and other pollutants to our environment?  
***Landfills***
3.   95   percent of daytime energy is shifted to off peak nighttime hours?
4. What is the average annual wind speed of Milton, Massachusetts?  
***15.4 mph***
5. What is one major obstacle to thermal energy?  
***Keeping water hot enough to produce steam to turn the turbans at night***
6. How many of Environmission’s solar towers would it take to power all U.S. households?  
***620***
7. When was the first air engine invented?  
***1820***
8. How many pounds of carbon dioxide does the average American car put out?  
***10,000***
9. The EPA has identified how many contaminated groundwater sites?  
***14,000***
10. If only half of the world’s ships used skysails, how much energy would we save?  
***2 billion gallons of diesel***