

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