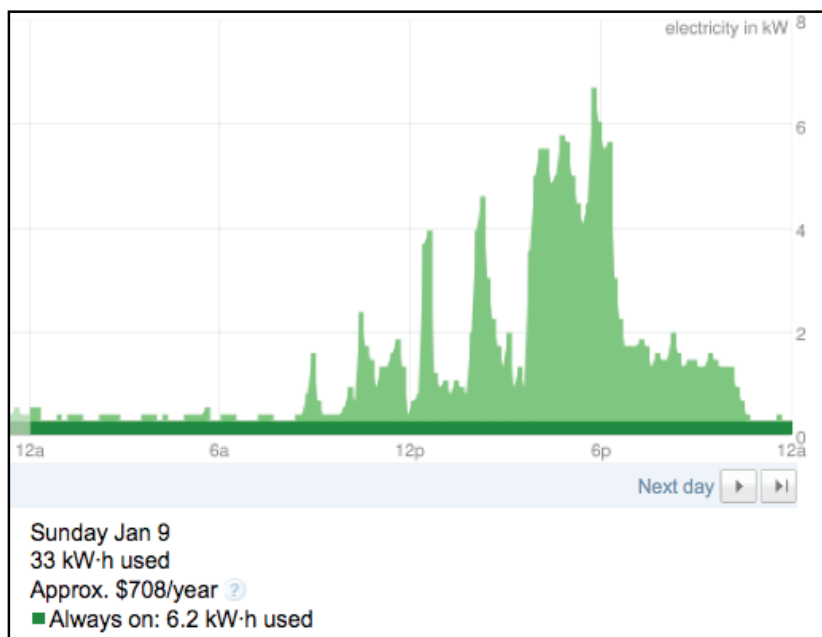
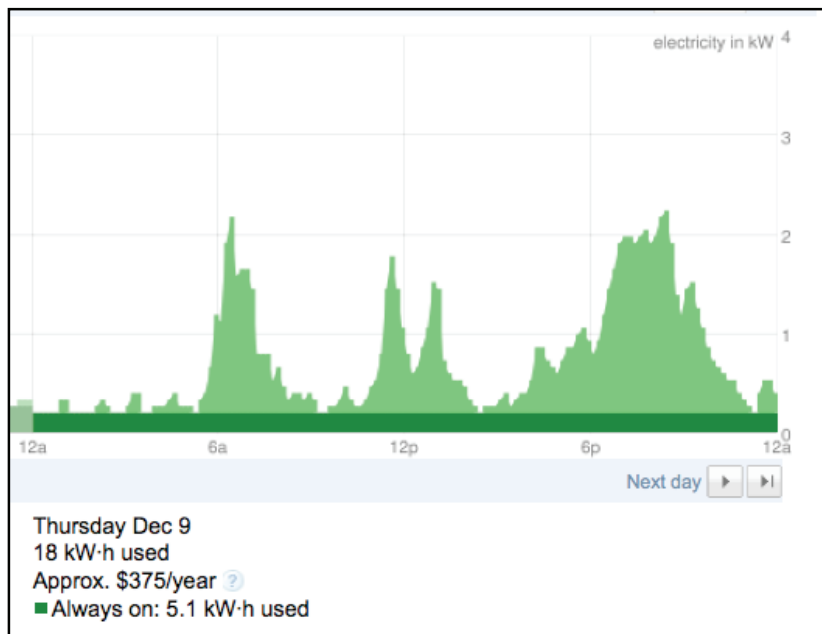




Making a Statement

Directions: Examine the real-time electricity use graphs and the statements that follow. Discuss each statement with a partner. Which of these statements match the graph? Be prepared to justify your choices. The graphs are from the same household.



1. This household used 15 kWh more electricity on January 9 than on December 9.
2. More electricity is used on weekends than on weekdays.
3. More kWh were used on Sunday, January 9, because more people were at home.
4. The number of kWh used between 6 am – 9 am on Dec 9 is greater than on January 9th at this same time.
5. On January 9, people played video games and used computers for a longer period of time than on December 9.
6. Electricity peaks on December 9 were lower than on January 9.
7. The pattern of electricity use was more constant (had fewer peaks and sharp valleys) on December 9 than on January 9.
8. People took showers on December 9 around 11:30 a.m. and 1 p.m.
9. Electricity was not used in the home between 12 a.m. and 4 a.m. on either day.
10. Electricity usage peaked over 6 kW on January 9.