Week 8 alternative Credit

Student’s Name

Institution

Date

**Introduction**

Over the last decade, carbon emission has been a global challenge and several actions have been committed to helping in reducing the emission of gases. Gas being emitted depends on how much energy we consume and therefore, the less we consume the better. Personally, I consume less than 250wats daily. It is because of energy consumption precautions, which I have taken. My monthly reading is less than 70 units. My biggest energy consumption happened when we hosted a party and it was a big entertainment. The power consumed was more than 100 units of reading. It was dues to the system, which was being used for entertainment.

However, there are several methods, which the community could adopt to help in reducing energy consumption hence reducing carbon emission. The community should adopt the use of light bulbs, driving in couples to work, use bicycles more often to work and malls, and also use curtains and blinds at the windows to keep heat. According to Trulia (2015), vehicles or cars and industries are the biggest cause of environmental problems. Cars release a lot of carbon into the atmosphere and this pollutes the environment. When couples drive to work and use bicycles a total of 500 watts worth of energy would be saved. Each trip to work would cost less energy compared when each couple drive to work separately and therefore, it is recommended for couples to share a car. It is estimated that the normal bulb of 70 to 100 watts can use up to 2 units of electricity per day. And by replacing them with light bulbs, it is likely to save more than 10 units, which is 500 watts. In that case, about 1000 watts of energy would be saved from bulbs alone.

The use of bicycles more often will have a huge in the environmental. The use of bicycles means fuel or any other energy would not use. Since bicycles do not produce gases, it helps in reducing the gas emission and therefore, the heat will automatically reduce. It is, therefore, makes the environment cleaner compared to cars and other motor vehicles (Worrell, Martin, & Price, 1999). Therefore, the energy would be saved from the bulb is 1000 watts, window curtains 500 watts, using bicycle 2000 watts and driving to work as a couple 3000 watts. In total 6500 watts would be saved if the actions recommended are taken at home. Besides energy saving, the action will also save the family from using an of money on energy and therefore, these are the most appropriate actions, which can help in addressing the excess emission of gas into the atmosphere and saving energy as well.

These actions are hard to take but I commit to ensuring that each one of them is done. First, I will replace my bulbs, and take walking and using a bicycle as an exercise and hobby. I have also chosen these actions because they are easy to commit to them and they do not require much financial spending to achieve any of these obligations. However, using a bicycle more often would be difficult and this is of the weather and especially during winter. The bicycle cannot be used for a long distance and this means that still cars would be used more often since I travel for a long distance to work and college.

In conclusion, green energy is the best energy to use and it helps in saving energy. The best method of saving energy would, therefore, be using light bulbs, which consume less energy, using bicycles and driving as couples to work every day instead of each person using a separate car.

# References

Bryson, J., & Mansueti, L. (2009). Energy Efficiency as a Low-Cost Resource for Achieving Carbon Emissions Reductions . *https://www.epa.gov/sites/production/files/2015-08/documents/ee\_and\_carbon.pdf* , 5-18.

Trulia, N. (2015). Energy Saving Gadgets That Are Totally Worth It. *https://www.forbes.com/sites/trulia/2014/04/11/5-energy-saving-gadgets-that-are-totally-worth-it/#33c3f0412e2f*, 3-38.

Worrell, E., Martin, N., & Price, L. (1999). Energy Efficiency and Carbon Dioxide Emissions Reduction Opportunities in the U.S. Cement Industry. *https://www.researchgate.net/publication/237764710\_Energy\_Efficiency\_and\_Carbon\_Dioxide\_Emissions\_Reduction\_Opportunities\_in\_the\_US\_Cement\_Industry* *, 12* (4), 12-35.