

Name \_\_\_\_\_ Teacher \_\_\_\_\_ Date \_\_\_\_\_

## Activity 5.1: Group A Electricity Worksheet

**Driving Question:** Does turning on lights cause carbon emissions?

1. How does the production of electricity involve carbon?

Which power plants emit carbon during the generation of electricity?	Which types of power plants do not emit carbon during the generation of electricity?
Explain how these power plants emit carbon.	Explain how these power plants DO NOT emit carbon.

2. Do you think turning on lights causes carbon emissions? Why or why not?

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3. Use this space to take notes as you prepare to summarize the discussion in your home group to your expert group. What were the main ideas from your handout that you would like to share?



*Human Energy Systems Unit, Activity 5.1  
Carbon: Transformations in Matter and Energy  
Environmental Literacy Project  
Michigan State University*