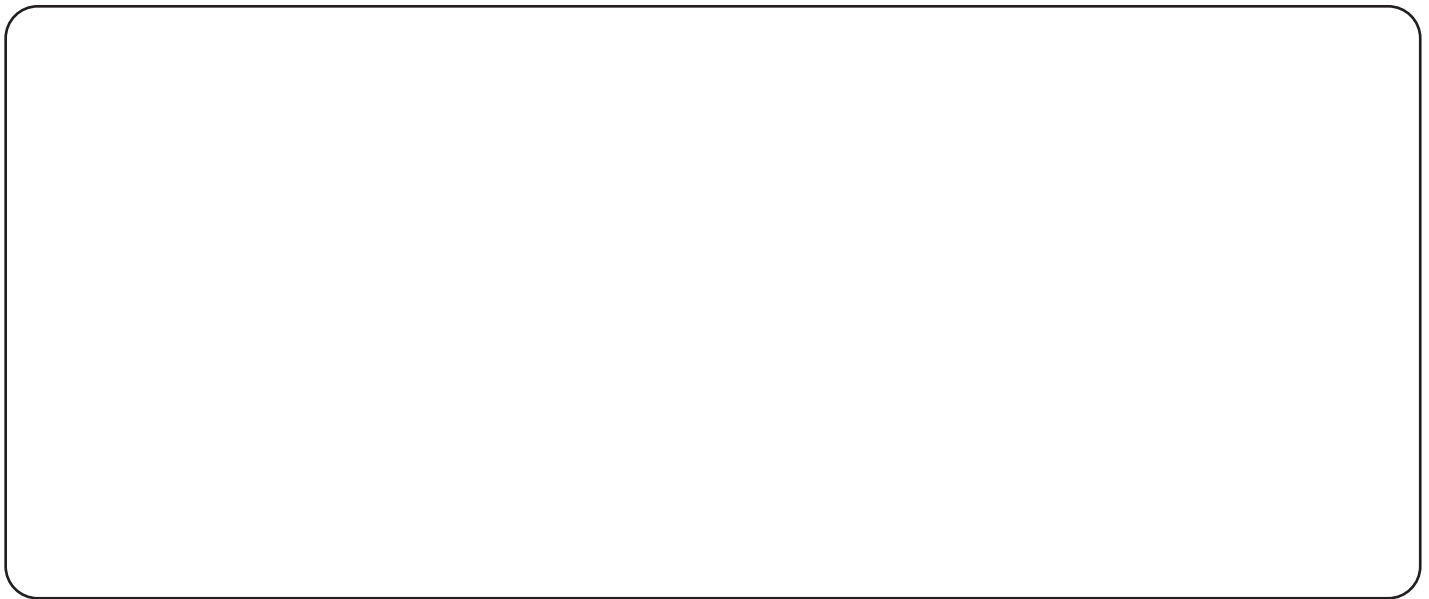


Student Name: _____ Class: _____ Date: _____

Before watching the classroom videos, or exploring the website, review these questions and look for answers during the video.

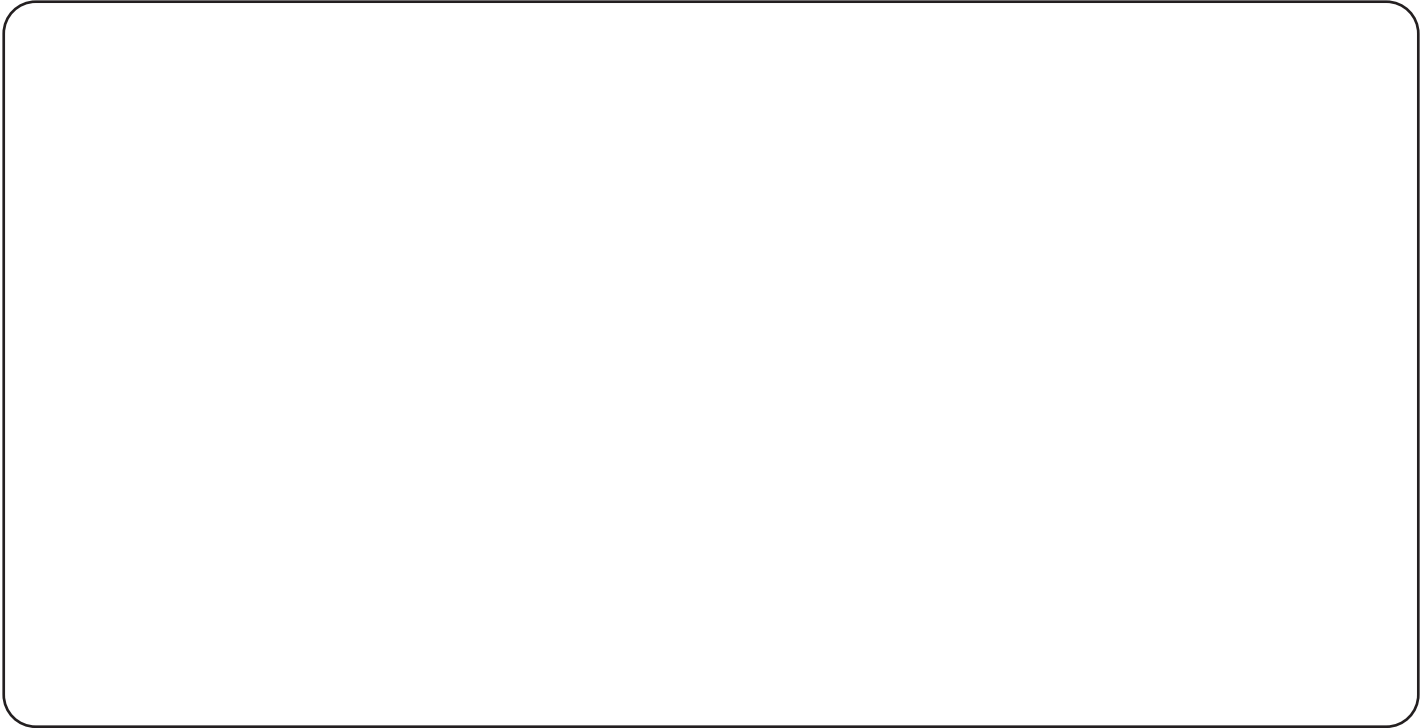
1. Sketch how you think electricity arrives to your community.



2. How does a generator produce electricity?

3. What are the different methods to generating electricity? Identify which are renewable and non-renewable.

4. Sketch the different parts of the electric transmission system.



5. What are some solutions to making sure we do not lose energy while transmitting it?

6. What is voltage and how does it change in an electric transmission system? Why is this important?

7. What variables and hazards are transmission lines and other equipment exposed to?

8. What people make sure that we have safe and reliable power? How do they do this?

9. What is the load and how can this affect the transmission system?

10. What management strategies do environmental managers use to protect all of the “environmental citizens” in ecosystems near transmission lines?

