

Name_____ Date_____

Section 12.3 Stationary Power

- 1) Where does Canada get most of its electrical energy from?
- 2) What is a hydro-electric plant?
- 3) Explain how a hydro-electric works.
- 4) What type of potential energy is used to power a hydro-electric plant?
- 5) Explain how the water cycle works.
- 6) Define fossil fuels.
- 7) Define thermo-electric.
- 8) Explain how a coal burning plant works.
- 9) How is a coal burning plant similar to a hydro-electric plant?
- 10) Define fission products.
- 11) Define nuclear fission.
- 12) Define thermonuclear
- 13) How did fossil fuels get their energy?

- 14) How do fossil fuels release their energy?
- 15) Define fuel rods.
- 16) How are nuclear plants similar to hydro-electric plants?
- 17) Where are hydro-electric and thermonuclear plants usually located?
- 18) What is a consequence to the answer in question 17?
- 19) What happens when you transmit power at a very high voltage and low current?
- 20) Define transformer.
- 21) What are the two types of current that transmit power?
- 22) Define alternating current.
- 23) Define direct current.
- 24) What is a disadvantage of direct current in transmitting electricity?
- 25) What is an advantage of using alternating current?