



# A Green-Powered Canada

Name \_\_\_\_\_

Date \_\_\_\_\_

## Worksheet

**Energy source** Geothermal Energy

**Type of resource (circle one)**

Renewable

Non-renewable

**Definition** Geothermal Energy is energy that is produced from the Earth's core and transferred to the Earth's surface

- Benefits**
- Generally environmentally friendly
  - Renewable and sustainable
  - Great for heating and cooling
  - low impact

- Drawbacks**
- Location-specific
  - Some minor environmental issues
  - Sustainability relies on reservoirs being properly managed

**How is this energy source being used in Canada?**

- Heating and cooling homes
- In-floor heating
- Industrial use such as gold mining
- Providing electricity

**What role could this energy source have in the future?**

It could become a reliable source that is more popular in Canada since it is reliable and sustainable

**Provide two reliable sources for people who would like to learn more about this energy source:**

What is geothermal energy and where is it used in the world? (2020, January 28). Power Technology | Energy News and Market Analysis.  
<https://www.power-technology.com/features/what-is-geothermal-energy/>  
 EIA. (2020, March 25). Use of geothermal energy. U.S. Energy Information Administration (EIA).  
<https://www.eia.gov/energyexplained/geothermal/use-of-geothermal-energy.php>

