

GALE SCAVENGER HUNT: ALTERNATIVE AND RENEWABLE ENERGY

Gale In Context: Science

Directions: Use *Gale In Context: Science* to find answers to the following questions about **Alternative and Renewable Energy**. Write your answer and the source for the information in the spaces provided below.

To answer these questions, use the **Alternative and Renewable Energy Topic Page**. From the home page, click on **Browse Topics** and open the **Topic Page** Titled **Alternative and Renewable Energy**.

1 From the Topic Page, access the **Experiments** section and choose the activity that will best answer these questions: What is renewable energy? What are the most commonly used sources?

Answer:

Source:

2 Navigate to the **Audio** section and select “Activists spread misleading information to fight solar.”. What are three reasons people argue against building solar plants?

Answer:

Source:

3 Use any document to answer these next questions: What does the acronym EPA stand for? What does the EPA do? **Hint: Use the **Search Within Results** option to search through every document linked to the **Topic Page**.

Answer:

Source:

4 Select the **Statistics** section and access “US Electricity Generation from Renewable Energy Sources, by Type of Source, 1951–2021”. What trends do you see in the graph? Which source provided the most renewable energy in 2021?

Answer:

Source:

5 Navigate to the **News** section. Use any article to answer the following question: How is a proposed wind farm related to World War II?

Answer:

Source:

1 **Answer:** “Renewable energy is energy from sources that are unlimited or replenish in a relatively short amount of time.” Sources: Wind energy, Solar energy, Biomass (organic matter), and Hydropower (water). Bonus: Geothermal energy (Earth’s core) is not yet commonly used.

Source: Renewable Energy, Experiment Central: Understanding Scientific Principles Through Projects, 2010 [http://link.galegroup.com/apps/doc/CV2644200095/SCIC?u=\[INSERT LOCID\]&xid=385daf5b**](http://link.galegroup.com/apps/doc/CV2644200095/SCIC?u=[INSERT LOCID]&xid=385daf5b**)

2 **Answer:** People would lose their view, property values would go down, and the agricultural tourism industry would shrink.

Source: Activists spread misleading information to fight solar [Radio broadcast transcript]. (2023, March 16). *All Things Considered*, NA. [https://link.gale.com/apps/doc/A741581088/SCIC?u=\[INSERT LOCID\]&sid=bookmark-SCIC&xid=73096cd5](https://link.gale.com/apps/doc/A741581088/SCIC?u=[INSERT LOCID]&sid=bookmark-SCIC&xid=73096cd5)

3 **Answer:** EPA: Environmental Protection Agency – a federal agency that regulates and protects human health and the environment adopted by Congress. *Answers may vary, but main idea should be the same.

Source: Sources will vary.

4 **Answer:** Possible trends identified: the use of renewable energy sources has increased, there are new types of renewable energy being used as time moves forward, after 2001 the use of renewable energy sources started increasing faster. *Answers may vary, as many more trends can be identified.

The source that provided the most renewable energy was wind.

Source: US Electricity Generation from Renewable Energy Sources, by Type of Source, 1951–2021 [Chart]. (2022). *Gale Science Online Collection*. Gale. [https://link.gale.com/apps/doc/NVLPEK134950314/SCIC?u=\[INSERT LOCID\]&sid=bookmark-SCIC&xid=5239b3e9](https://link.gale.com/apps/doc/NVLPEK134950314/SCIC?u=[INSERT LOCID]&sid=bookmark-SCIC&xid=5239b3e9)

5 **Answer:** A developer is proposing to build hundreds of windmills where thousands of Japanese Americans were unjustly imprisoned during World War II.

Source: Grandoni, D. (2023, May 4). Biden’s renewable energy goals blow up against a painful WWII legacy. *Washington Post*, NA. [https://link.gale.com/apps/doc/A748035662/SCIC?u=\[INSERT LOCID\]&sid=bookmark-SCIC&xid=9c5e5f3c](https://link.gale.com/apps/doc/A748035662/SCIC?u=[INSERT LOCID]&sid=bookmark-SCIC&xid=9c5e5f3c)