Directions: For each energy resource, you will research the origin, pros, cons, costs, and the percentage used in the US. At the bottom, analyze the data and answer the questions.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Energy resources** | **Renewable**  **or Nonrenew-able?** | **Pros/Advantages?** | **Cons/Disadvantages?** | **Economic impacts? Cost per kWh** | **Percentage used in the U.S.** |
| **Coal**-carbonized plant matter, found mainly in underground deposits and widely used as fuel | NR | * Organic matter * Readily available and reliable | * Mining, damage ecosystems * Non-renewable | $3.23 cents | 30% |
| **Natural Gas** |  |  |  |  |  |
| **Oil** |  |  |  |  |  |
| **Nuclear Energy** |  |  |  |  |  |
| **Solar** |  |  |  |  |  |
| **Wind** |  |  |  |  |  |
| **Hydropower** |  |  |  |  |  |
| **Geothermal** |  |  |  |  |  |
| **Biomass/biofuel** |  |  |  |  |  |

**\*\*Which of the following resources are used the most in the US. Why do we as a nation depend so much on fossil fuels? And what do you think we could do to reduce the dependence on the use of fossil fuels?**