

Energy Matrix

**Use** your textbook to research each energy source in the matrix below.

**Complete** the matrix with 1- to 2-sentence responses for each prompt.

| **Energy source** | **Description** **(Where does the energy come from? How is it extracted?)** | **Renewable or non-renewable? Explain.** |  **Examples of use** | **Limitations to using this resource** | **Benefits to using this resource** |
| --- | --- | --- | --- | --- | --- |
| 1. Fossil fuels (gas, oil, coil, petroleum)
 |  |  |  |  |  |
| 1. Nuclear power
 |  |  |  |  |  |
| 1. Hydropower
 |  |  |  |  |  |
| 1. Wind energy
 |  |  |  |  |  |
| 1. Solar energy
 |  |  |  |  |  |
| 1. Biomass energy
 |  |  |  |  |  |
| 1. Geothermal energy
 |  |  |  |  |  |