# Energy Speed Dating Profile

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|---|---|
| **My real name is:** Geothermal | **But my friends call me:** Geo |
| A little bit about myself (*how is the energy resource retrieved and how it produces energy*):<br><br>Geothermal energy is energy made by heat inside the Earth's crust. My energy is retrieved through heat pumps that dig into the earth. My energy can be used to heat structures such as buildings, parking lots, and sidewalks. | |
| My usual hangouts (*where can the energy source be found in the world and/or where is it currently used*)<br><br>I come from the sub-surface of the earth and am mostly used in the Western United States along tectonic plates. Along with El Salvador, Kenya, the Philippines, Iceland, and Costa Rica. | I am (not) a cheap date (*describe the economics and availability of the energy source*)<br><br>I am an expensive date now because I cost around $8,000 overall, but in the long run I will save you money compared to other resources. |
| This is why we should date (*environmental and economic advantages*)<br><br>We should date because I am considered the most efficient, cost-effective, and environmentally friendly sources of energy.<br>I am:<br>- Effective<br>- Inexhaustible<br>- Renewable | Why my last relationship didn't work out (*environmental and economic disadvantages*)<br><br>My last relationship didn't work out because of my:<br>- Environmental Issues<br>- Earthquakes<br>- Expense<br>- Location specificity<br>- Sustainability issues |
| Best pick up line<br><br>You blow my mind like Geothermal Heating Technology! | |

# Speed Dating Interviews

| Energy Type | Where it is found | Positive Attribute | Negative Attribute |
|---|---|---|---|
| **Hydroelectric** | **China, United States, Brazil, Canada, India, and Russia** | **- Renewable<br>- Clean fuel<br>- Does not rely on international sources** | **Interrupts environments to build** |
| **Biomass** | **Brazil, United States, Sweden, and Austria** | **- Carbon dioxide used is released back<br>- Widely available** | **- Not as efficient as fossil fuels<br>- Methane is increased.** |
| **Hydrogen Fuel** | **Water, fossil fuels** | **- Reduced greenhouse gas emotions<br>- Cheaper than gas** | **- Less common than gas** |
| **Nuclear Power** | **France, Ukraine, Hungary, and Slovakia** | **- Virtually 0 greenhouse gas emission<br>- Reliable** | **- Accidents can happen<br>- Radioactive waste afterward** |
| **Coal** | **Above or underground** | **- Cheap** | **- CO2 emissions** |
| **Solar Energy** | **Up in the sky with the sun (Germany)** | **Renewable** | **Solar panels are very big and expensive** |
| **Natural Gas** | **Everywhere** | **- Burns cleaner than fossil fuels** | **- Creates carbon dioxide** |