

Alternative Energy Sources

• What are they?

- alternatives (other options) to using fossil fuels for energy.

• Why do we need to use them?

- eventually, fossil fuels will run out so we need other sources for energy.

• Sources: "WHGSB"

☺ - wind: energy created from moving air
 ☺ • Sun creates wind from uneven heating of atmosphere.

- hydroelectric: energy created from moving water

- water turns turbines (wheel), which allow generators to convert it into electricity. (Dams are used for this!)

- geothermal: energy from Earth's heat

• hot springs, geysers, volcanoes

• BELOW SURFACE!

- solar: energy from the Sun

• use solar panel (also called photovoltaic cells)

- biofuel/biomass: energy created from crops

• ethanol = made from corn

- use 90% gasoline + 10% ethanol

