

# Pros

# Cons

## Biomass

- used for small/large places
- sustainable energy source if managed properly
- reduce landfill space
- use for transportation fuel
- utilize some animal, food, & plant waste

- air pollution created
- supply challenges exist in urban areas
- mixed sources (garbage) require sorting
- reduces nutrients in soil because not composting

## Wind

- inexpensive to operate and maintain
- short installation time
- little to no pollution
- permanent energy source
- used on small/large scale
- cost-competitive against new fossil fuel plants

- production depends on the wind
- visually displeasing to some
- can kill birds & bats on migratory flight path
- large farms may require new transmission lines

## Geothermal

- reduce householding heating and cooling costs.
- no pollution
- works in winter & summer
- new construction - installed economically
- permanent energy source

- requires some electricity for air pump
- if home is built, high cost to install
- can't make electricity from this in Michigan

Human Power

Hydroelectric

Solar