



## Renewable and Non-renewable Energy Resources Used in Michigan

**Renewable energy resources** replenish themselves through natural processes within a human lifespan.

**Non-renewable energy resources** are finite or take millions of years to replace.

Renewable Energy Resources	Non-renewable Energy Resources
Wind	Fossil Fuels <ul style="list-style-type: none"><li>• Petroleum (oil, gasoline, propane, diesel)</li><li>• Coal</li><li>• Natural gas (methane)</li></ul>
Solar <ul style="list-style-type: none"><li>• Passive &amp; Active (heating)</li><li>• Photovoltaic (PV) Cells</li></ul>	Uranium (nuclear fission)
Geothermal (heating & cooling)	
Hydroelectric	
Biomass (organic materials) <ul style="list-style-type: none"><li>• Wood</li><li>• Waste<ul style="list-style-type: none"><li>– Landfill methane</li><li>– Trash incineration</li></ul></li><li>• Agriculture (methane or other biofuels)<ul style="list-style-type: none"><li>– Corn</li><li>– Soybean</li><li>– Animal or plant waste</li></ul></li></ul>	