




Energy Source Comparison

Energy Source	Pros	Cons
<p>Solar Energy</p> 	<ul style="list-style-type: none">• Non-polluting• Most abundant energy source available• Systems last 15-30 years	<ul style="list-style-type: none">• High initial investment• Dependent on sunny weather• Supplemental energy may be needed in low sunlight areas• Requires large physical space for PV cell panels• Limited availability of polysilicon for panels
<p>Wind Energy</p> 	<ul style="list-style-type: none">• No emissions• Affordable• Little disruption of ecosystems• Relatively high output	<ul style="list-style-type: none">• Output is proportional to wind speed• Not feasible for all geographic locations• High initial investment/ongoing maintenance costs• Extensive land use
<p>Natural Gas</p> 	<ul style="list-style-type: none">• Widely available• Cleanest-burning fossil fuel• Often used in combination with other fuels to decrease pollution in electricity generation• Made safe by adding artificial odor so that people can easily smell the gas in case of a leak	<ul style="list-style-type: none">• Transportation costs are high• Lack of infrastructure makes gas resources unavailable from some areas• Burns cleanly, but still has emissions• Pipelines impact ecosystems