

The pursuit of alternative energy sources is a growing industry in central Ohio. The use of wind and solar power is encouraged by groups such as Green Energy Ohio and Ohio Wind Working Group. The Ohio Department of Development offers incentives for households and businesses to use renewable power sources through the Advanced Energy Grant Program. Wind and solar power are becoming increasingly significant energy sources throughout the region.

Most of central Ohio has average wind speeds of 13-17 MPH at a 100-meter altitude, making the region a good place for the development of wind infrastructure. The Glacier Ridge Wind Turbine was built in Union County in 2002 and continues to provide power.

Solar power is also a growing source of energy in the region. According to the Energy Information Administration, there is enough sunlight in central Ohio to produce an average of 4-5 kilowatt hours of electricity each day for every square meter of photovoltaic (solar) panel.

Finally, vehicles using alternative, more environmentally friendly fuels represent a growing part of the transportation sector in the region. As of early 2009, there are 42 stations offering 4 types of alternative motor fuels in the region. Over 1/4 of the alternative fueling stations in the state are in central Ohio. In much of central Ohio, alternative fuel and flexible fuel vehicles represent over 2% of the total vehicles owned.

#### Solar and Wind Power in Central Ohio

Green Energy Ohio	Ohio Department of Development Advanced Energy Program
<a href="http://www.greenenergyohio.org/">http://www.greenenergyohio.org/</a>	<a href="http://www.odod.state.oh.us/cdd/oe/ELFGrant.htm#NOFA_09-02">http://www.odod.state.oh.us/cdd/oe/ELFGrant.htm#NOFA_09-02</a>
Ohio Wind Working Group	SOAR (Solar and Renewable Energy Buyers' Cooperative)
<a href="http://ohiowind.org/pdfs/OH_spd100m.pdf">http://ohiowind.org/pdfs/OH_spd100m.pdf</a>	<a href="http://www.soarenergy.org/">http://www.soarenergy.org/</a>
Ohio Wind Map (PDF)	Solar Power Resource Potential Map
<a href="http://ohiowind.org/pdfs/OH_spd100m.pdf">http://ohiowind.org/pdfs/OH_spd100m.pdf</a>	<a href="http://www.eia.doe.gov/cneaf/solar.renewables/ilands/fig11.html">http://www.eia.doe.gov/cneaf/solar.renewables/ilands/fig11.html</a>

#### Alternative Motor Fuel Stations in Central Ohio

	Biodiesel	Natural Gas	Ethanol	Propane
Delaware	1		2	
Fairfield			2	
Fayette				
Franklin		1	13	9
Knox				
Licking		1		1
Madison				1
Marion	2		2	
Morrow	1			
Pickaway	1		3	
Ross	2			
Union				
Region	7	2	22	11
Ohio	22	8	64	66

To search for stations, visit:

[http://www.afdc.energy.gov/afdc/stations/find\\_station.php](http://www.afdc.energy.gov/afdc/stations/find_station.php)