



Wisconsin ranks #11 out of 50 states for its biogas production potential of 108.9 billion ft³/yr.



A full build-out of Wisconsin's biogas industry offers these benefits:

Energy Benefits

Up to **63.2 billion ft³** of methane (renewable natural gas) could be produced each year for energy, heat, fuel, and more!

or 7.3 billion kWh equivalent to the annual electricity usage of 672,361 households

or 5,837 million kWh electricity and 2,274 million BTU/h heat (engine)

or 9,762 million kWh electricity and 16,271 million kWh heat (fuel cell)

or 0.8 GW Nameplate Capacity equivalent to 17 U.S. power stations (avg. size)

or 65.5 million MMBtu/yr equivalent to energy consumption of 852,316 homes

or 544.7 million gallons of GGE, enough to fuel 308,602 delivery trucks for one year

Economic Benefits	Climate Benefits	Recycling Benefits
\$23.3 billion in capital investment	Equivalent to the GHG emissions avoided by taking 80,710 cars off the road	12,257,664 tons/yr of dairy manure, which could produce 20.0 billion ft ³ of biogas each year
46,138 construction jobs to build the systems	Equivalent to the carbon sequestered by 346,244 acres of forest	477,541 tons/yr of swine manure, which could produce 0.32 billion ft ³ of biogas each year
2,100 long-term jobs to operate the systems	Equivalent emission reductions to 2,444 U.S. football fields of solar	61,152 tons/yr of poultry manure, which could produce 2.8 billion ft ³ of biogas each year
	panels Equivalent to the GHG emissions avoided by running 103 U.S. wind turbines (avg. size) for a year	3,070,000 tons/yr of food waste, which could produce 8.0 billion ft ³ of biogas each year
		498 million gallons/day of wastewater, which could produce 2.8 billion ft ³ of biogas each year