Biogas State Profile: Indiana

Indiana ranks **#12** out of 50 states for its biogas production potential of **107.4 billion ft^3/yr.**

Biogas Capture Systems in Indiana

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

Energy Benefits

Up to **58.1 billion ft^3** 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 **673,196 households**

or **5,756 million kWh** electricity and **2,242 million BTU/h** heat (engine)

or **9,628 million kWh** electricity and **16,046 million kWh** heat (fuel cell)

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

or **60.2 million MMBtu/yr** equivalent to energy consumption of **783,878 homes**

or **500.9 million gallons** of GGE, enough to fuel **283,822 delivery trucks** for one year

Economic Benefits

$16.0 billion
in capital investment

38,580
construction jobs
to build the systems

1,847
long-term jobs
to operate the systems

Climate Benefits

Equivalent to the GHG emissions avoided by taking **74,229 cars off the road**

Equivalent to the carbon sequestered by **318,442 acres of forest**

Equivalent emission reductions to **2,248 U.S. football fields of solar panels**

Equivalent to the GHG emissions avoided by running **95 U.S. wind turbines** (avg. size) for a year

Recycling Benefits

937,021 tons/yr of dairy manure, which could produce **1.5 billion ft^3** of biogas each year

7,411,424 tons/yr of swine manure, which could produce **4.91 billion ft^3** of biogas each year

58,855 tons/yr of poultry manure, which could produce **2.7 billion ft^3** of biogas each year

1,350,000 tons/yr of food waste, which could produce **3.5 billion ft^3** of biogas each year

1,057 million gallons/day of wastewater, which could produce **4.3 billion ft^3** of biogas each year