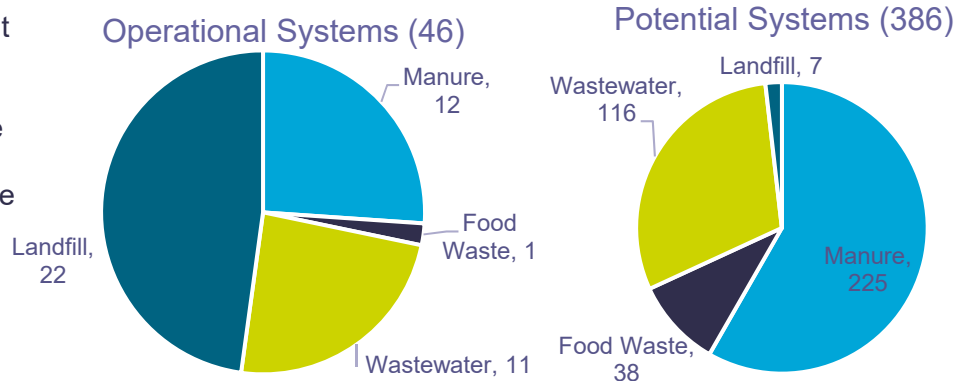


MISSOURI

BIOGAS STATE PROFILE



Missouri ranks **16th** out of 50 states for its biogas production potential. We estimate up to 29.91 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 46.74 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **2505 million** kW·h electricity and **976 million** BTU/h by engine; OR
- **4189 million** kW·h electricity and **6982 million** kW·h by fuel cell; OR
- **607 thousand** gallons vehicle fuel; OR
- **221 million** kW·h heat.

ECONOMIC GROWTH:

Constructing 386 new systems would generate about...

- **\$1158 million** in capital investments,
- **9652** construction jobs, AND
- **641** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **1320 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **182800** acres of forest, OR
- Removing **2.95 million** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	11.1 million tons/yr	32.7 billion cuft/yr
<i>Broiler</i>	2.1 million tons/yr	
<i>Dairy</i>	2.1 million tons/yr	
<i>Swine</i>	6.2 million tons/yr	
<i>Turkey</i>	703000 tons/yr	
Food Waste	1.9 million tons/yr	10.4 billion cuft/yr
Landfill	-	-
Wastewater Facility*	637 gallons/day	3.68 billion cuft/yr
Total Biogas	-	46.74 billion cuft/yr

*Wastewater facility greater than 1 MGD