

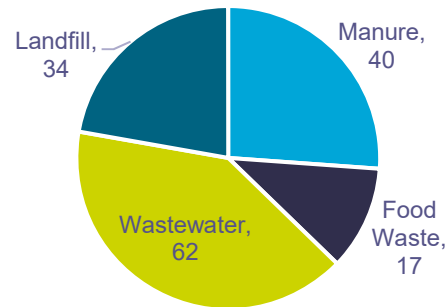
# WISCONSIN

## BIOGAS STATE PROFILE

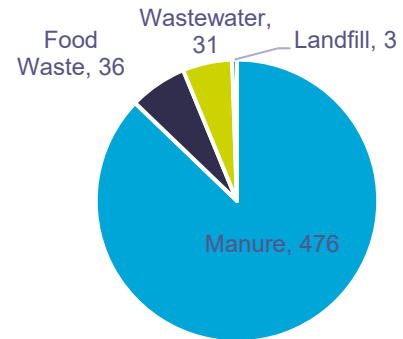


Wisconsin ranks **6<sup>th</sup>** out of 50 states for its biogas production potential. We estimate up to 53.73 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!

Operational Systems (153)



Potential Systems (546)



## THE POWER OF 83.93 BILLION CUFT OF BIOGAS:

### ENERGY POTENTIAL:

- **4498 million** kW·h electricity and **1752 million** BTU/h by engine; OR
- **7523 million** kW·h electricity and **12538 million** kW·h by fuel cell; OR
- **1090 thousand** gallons vehicle fuel; OR

### ECONOMIC GROWTH:

Constructing 546 new systems would generate about...

- **\$1.64 billion** in capital investments,
- **13652** construction jobs, AND
- **906** permanent jobs.

## REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **2371 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **328300** acres of forest, OR
- Removing **5302 thousand** cars from the road.

## BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
<b>Manure (total)</b>	33.4 million tons/yr	71.6 billion cuft/yr
<i>Broiler</i>	0.4 million tons/yr	
<i>Dairy</i>	32.4 million tons/yr	
<i>Swine</i>	554000 tons/yr	
<i>Turkey</i>	-	
<b>Food Waste</b>	1.8 million tons/yr	9.87 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	433 gallons/day	2.5 billion cuft/yr
<b>Total Biogas</b>	-	83.93 billion cuft/yr

\*Wastewater facility greater than 1 MGD